

1
sp2.2

LANDSCAPING PLAN
SCALE: 1/16" = 1'-0"



AA - AUTUMN BLAZE MAPLE



PC - CLEVELAND SELECT PEAR



LO - REGEL BORDER PRIVET



LA - BLUE DUNE LIME GRASS



LM - VARIEGATED LILY TURF



TP - CAN CAN

PLANT LIST

QTY	SYM	BOTANIC NAME	COMMON NAME	SIZE/REMARKS
CANOPY TREES				
6	AA	ACER FREEMANNI AUTUMN BLAZE	AUTUMN BLAZE MAPLE	2 1/2" CAL. B&B (8' 0" - 10' 0" O.C.)
4	PC	PYRUS CALLERYANA 'CLEVELAND SELECT' FLOWERING PEAR TREE	CLEVELAND SELECT PEAR	2 1/2" CAL. B&B
EVERGREEN TREES				
5	TP	THUJA PLICATA	CAN CAN	5' HT. B&B
DECIDUOUS & EVERGREEN SHRUBS				
15	LO	LIGUSTRUM OBTUSIFOLIUM	REGEL BORDER PRIVET	30" HT.
PERENNIALS & GROUNDCOVER				
18	LM	LIRIOPE M. VARIEGATA	VARIEGATED LILY TURF	#1 CONT.
68	LA	ELYMUS ARENARIUS 'BLUE DUNE'	BLUE DUNE LYME GRASS	#2 CONT.

GENERAL NOTES

1. ALL PLANT MATERIALS SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK PREPARED BY THE AMERICAN ASSOCIATION OF NURSERYMEN LATEST ADDITION.
2. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ALL EXISTING WALKS, CURBS, PLANT MATERIAL AND STRUCTURES DURING CONSTRUCTION.
3. ALL MASS PLANTING AREAS SHALL BE PREPARED WITH A 12" LAYER OF TOPSOIL.
4. ALL GROUNDCOVER, PERENNIAL OR ANNUAL PLANTINGS SHALL BE PREPARED WITH A 6" LAYER OF TOPSOIL.
5. ALL PROPOSED PLANTING BEDS ARE TO BE MULCHED WITH 3" INCHS OF DOUBLE SHREDDED HARDWOOD MULCH.
6. ALL SEEDED AREAS SHALL RECEIVE A MINIMUM OF 3" INCHS OF TOPSOIL, FINE GRADED.



PROJECT TITLE:
PROJECT:
ISSUE DATE:
AUTHORIZATION:

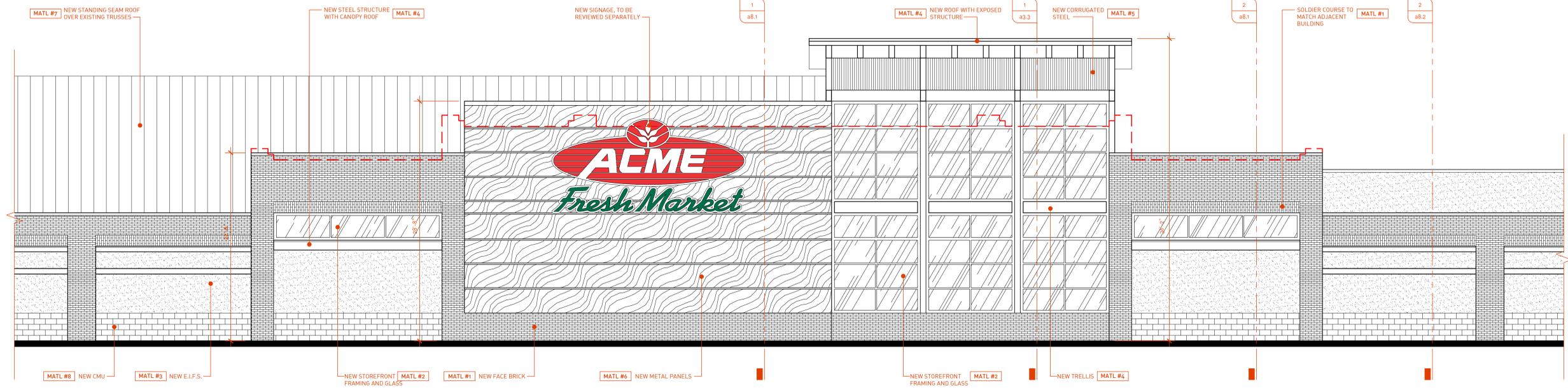
ACME FRESH MARKET 116 W STREETSBORO STREET HUDSON, OH 44236	10.18.2021
REVIEW	

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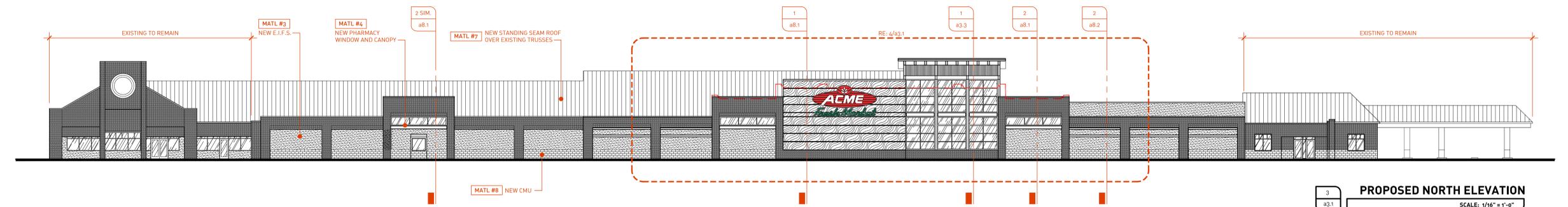
JOB NO.: 21-65

SHEET TITLE: LANDSCAPING PLAN

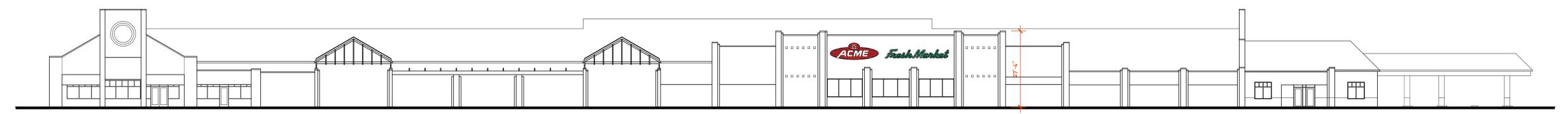
sp2.1



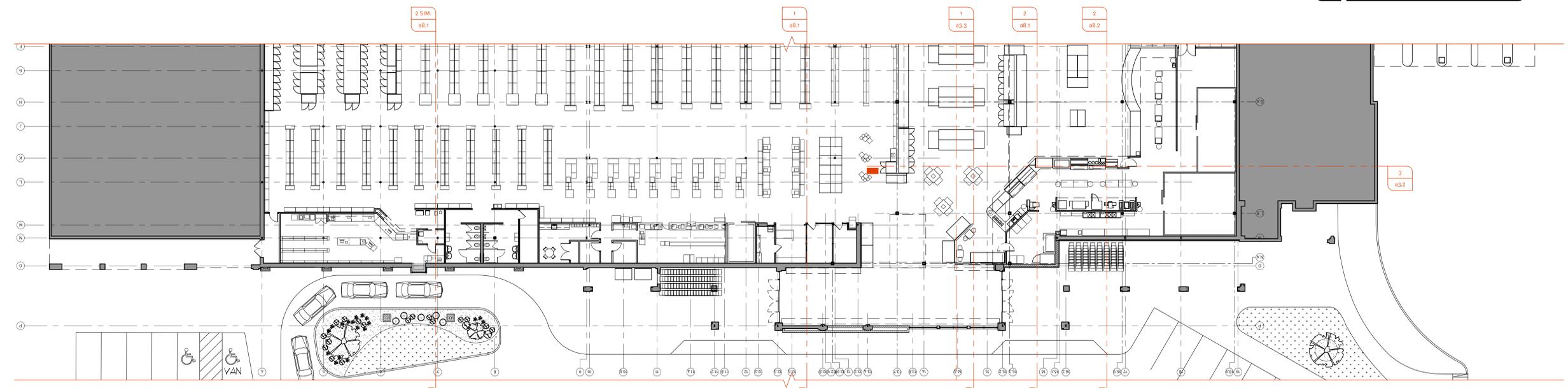
4 ENLARGED NORTH ELEVATION
SCALE: 3/16" = 1'-0"



3 PROPOSED NORTH ELEVATION
SCALE: 1/16" = 1'-0"



2 EXISTING NORTH ELEVATION
SCALE: 1/16" = 1'-0"



1 FLOOR PLAN
SCALE: 1/16" = 1'-0"



PROJECT TITLE:

PROJECT: ACME FRESH MARKET
116 W STREETSBORO STREET
HUDSON, OH 44236

REVIEW: 10.18.2021

ISSUE DATE:

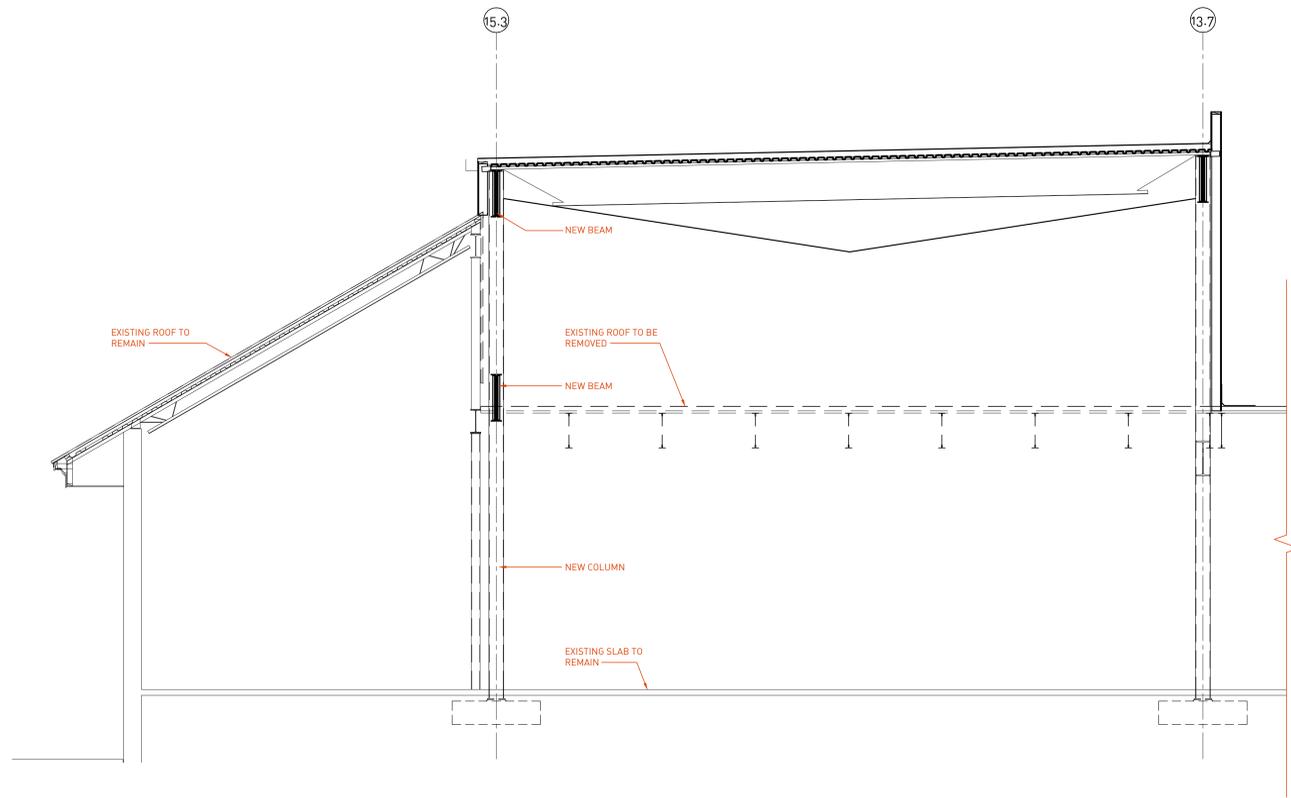
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JOB NO.:

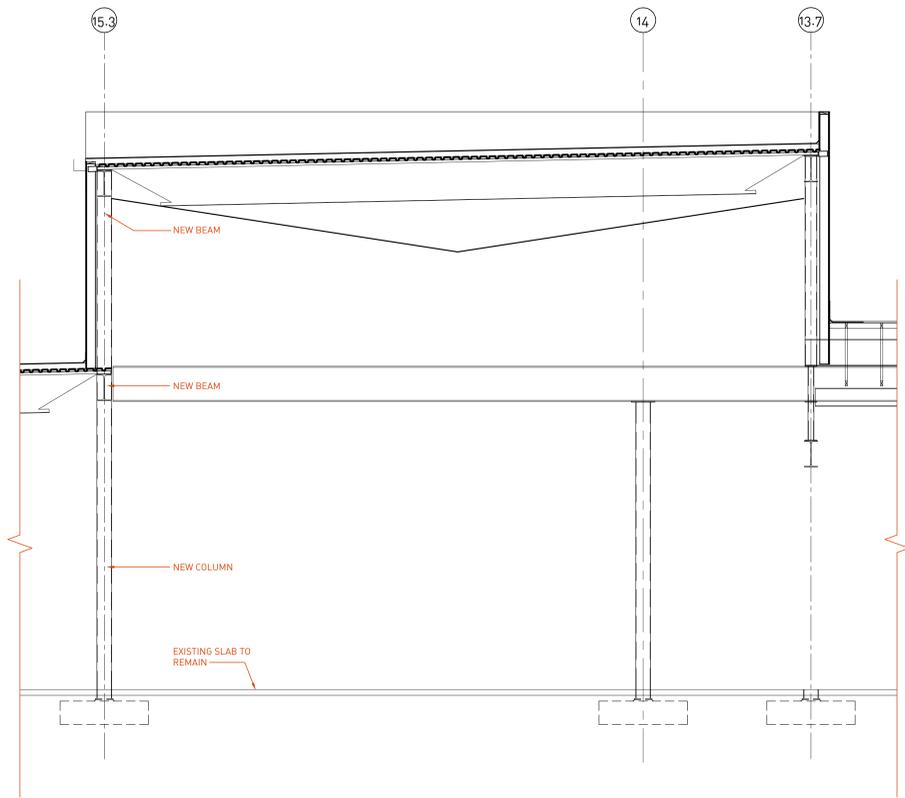
2145

SHEET TITLE: EXTERIOR ELEVATION

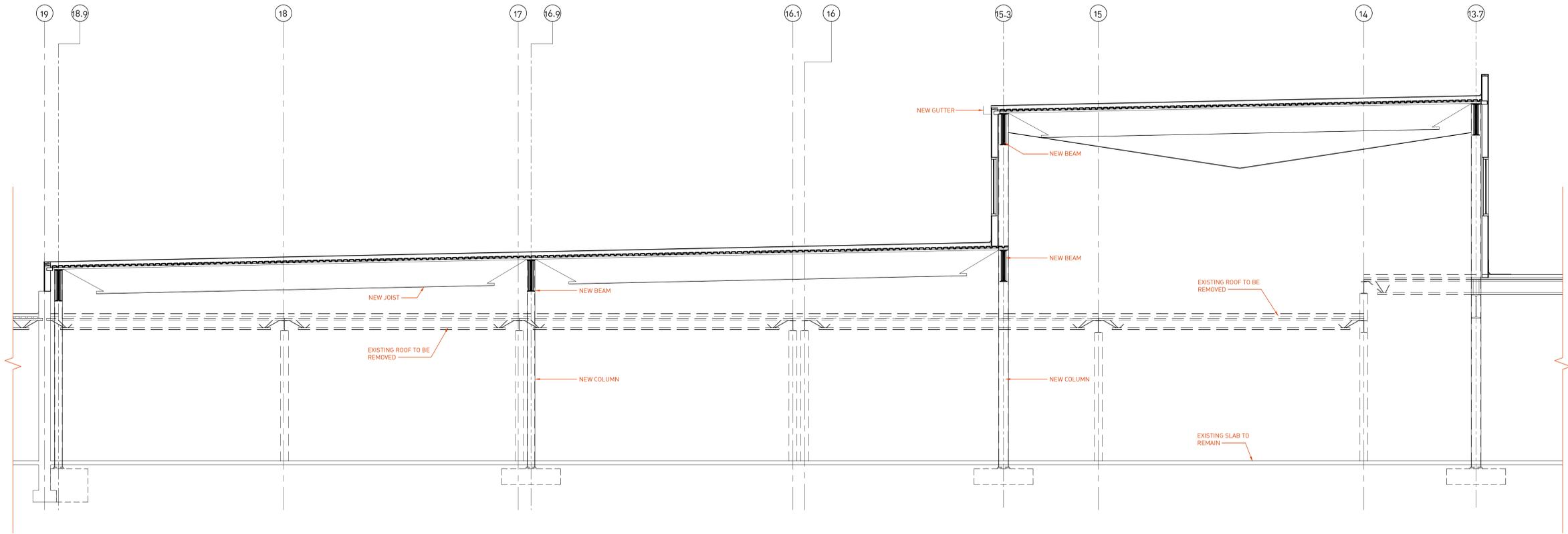




1 EAST/WEST BUILDING SECTION
SCALE: 1/4" = 1'-0"



2 EAST/WEST BUILDING SECTION
SCALE: 1/4" = 1'-0"



3 NORTH/SOUTH BUILDING SECTION
SCALE: 1/4" = 1'-0"

ADDK, INC. • 11478a Detroit Avenue, Lakewood, OH 44123 • P: (216) 771-9200 • F: (216) 771-9791 • W: www.addk.com

PRELIMINARY
NOT FOR CONSTRUCTION



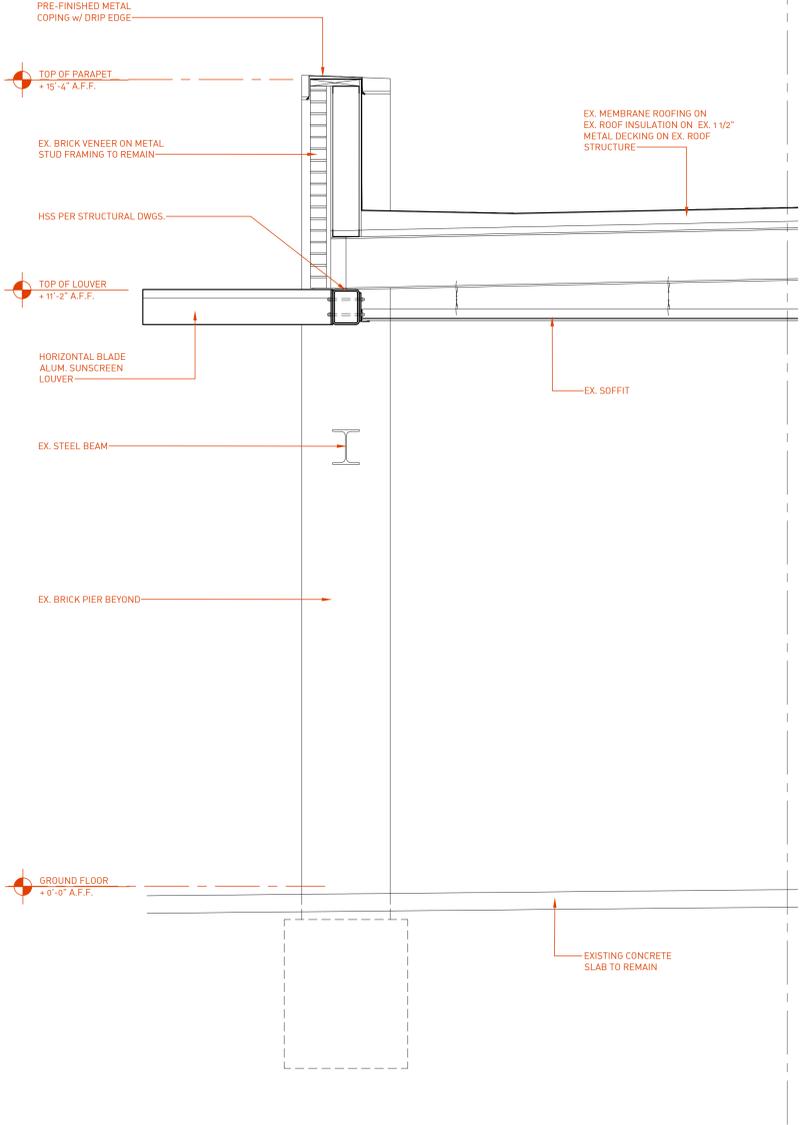
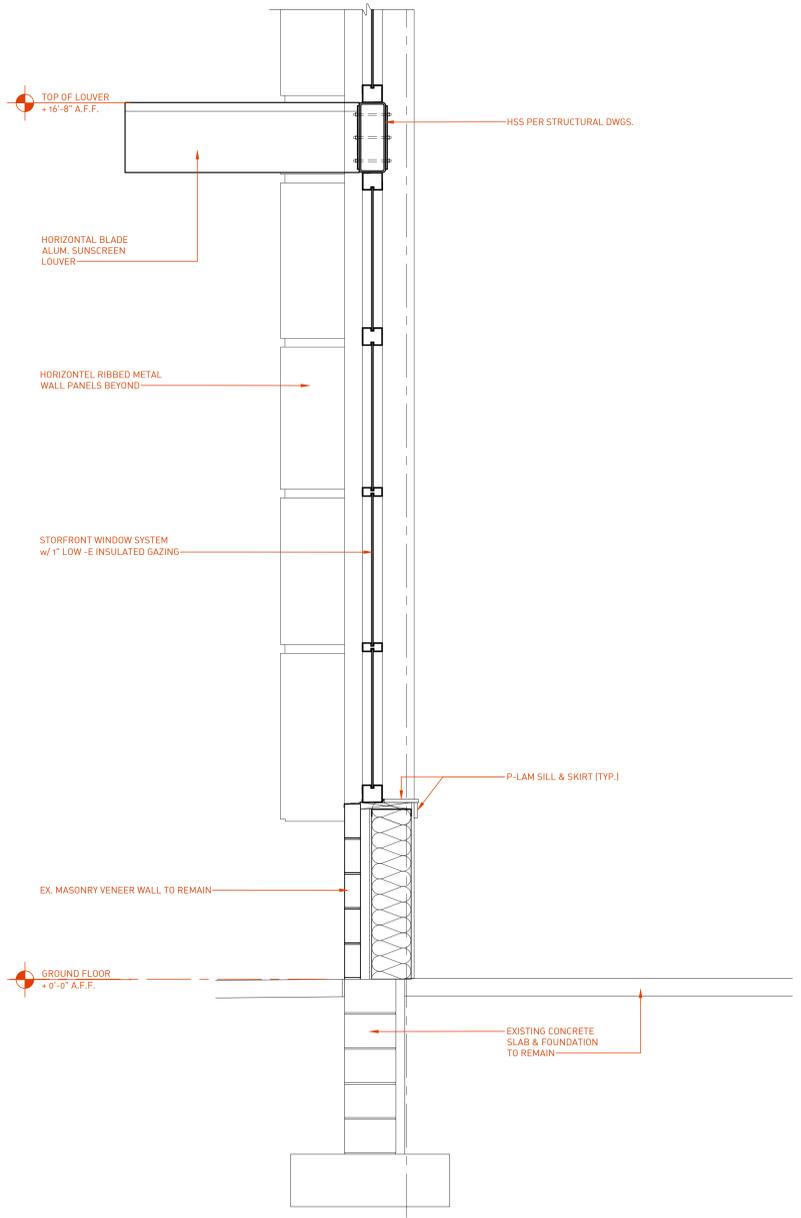
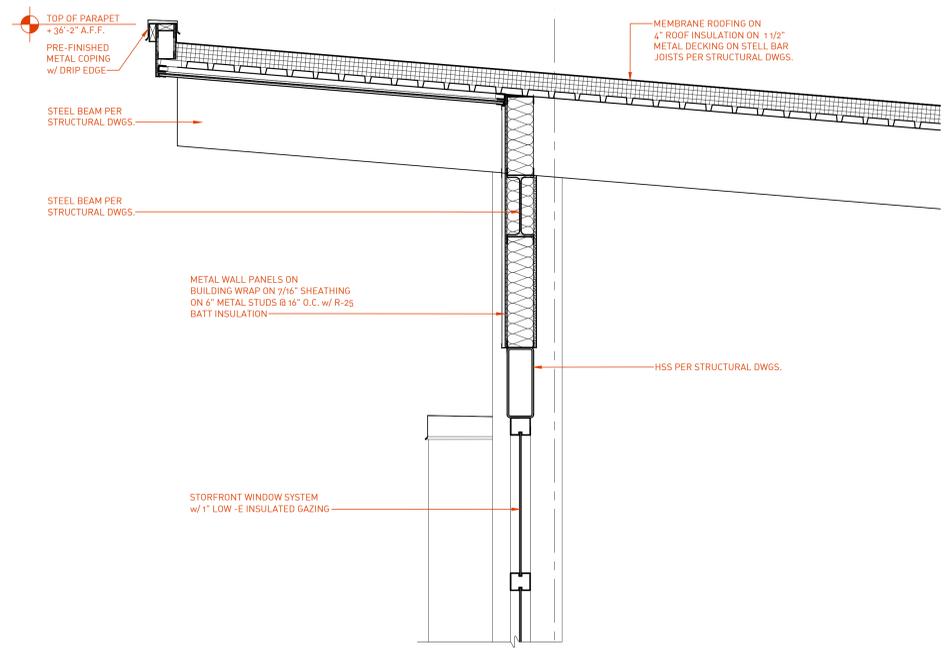
PROJECT TITLE: ACME FRESH MARKET
114 W STREETSBORO STREET
HUDSON, OH 44236

REVIEW	DATE
	10.18.2021

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JOB NO.: 2145
SHEET TITLE: BUILDING SECTIONS

a3.2



2
a8.2
WALL SECTION
SCALE: 3/4" = 1'-0"

1
a8.2
WALL SECTION
SCALE: 3/4" = 1'-0"

ARCHITECTURE OFFICE | DAVID WEBER

PRELIMINARY
NOT FOR CONSTRUCTION



PROJECT TITLE: ACME FRESH MARKET
116 W STREETSBORO STREET
HUDSON, OH 44236

REVIEW	10.18.2021

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JOB NO.: 21-65
SHEET TITLE: WALL SECTIONS
a8.2



ACME
Fresh Market





ACME
Fresh Market



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Fresh Market





ACME
Fresh Market









MATERIAL #1



[Home](#) / [Brick](#) / [Face](#) / [Smooth](#) / [Modular](#) / [Mayo Clear](#)



MAYO CLEAR

Type

Face

Color

Gray

Texture

Smooth

Plant

Plant 8

Manufacturing Method

Extruded

Gallery



Mayo Clear

Sizes

Specs

Sizes

Width

Height

Length

Thin Flat Back

Thin with Back Geometry

Unit/Sq

Sizes	Width	Height	Length	Thin Flat Back	Thin with Back Geometry	Unit/Sq
Modular	3 5/8" 92mm	2 1/4" 57mm	7 5/8" 194mm	5/8" 16mm	3/4" 19mm	6.86
Economo Modular	3 5/8" 92mm	3 5/8" 92mm	7 5/8" 194mm	5/8" 16mm	3/4" 19mm	4.50
Roman	3 5/8" 92mm	1 5/8" 41mm	11 5/8" 295mm	N/A	N/A	6.00
Norman	3 5/8" 92mm	2 1/4" 57mm	11 5/8" 295mm	5/8" 16mm	3/4" 19mm	4.57
Utility	3 5/8" 92mm	3 5/8" 92mm	11 5/8" 295mm	5/8" 16mm	3/4" 19mm	3.00
Monarch	3 5/8" 92mm	3 5/8" 92mm	15 5/8" 397mm	N/A	N/A	2.25

LOOKING WHERE TO BUY BRICK?

Find Your Local Distributor

MATERIAL #2

Tubelite® TU24000 Storefront

Dual cavity pour and debridge ultra-thermal barrier

Tubelite's most popular thermally broken storefront line has been expanded and enhanced with an additional P&D thermal break. The TU24000 Series has the same 2" x 4-1/2" profile as the T14000 system, and offers standard screw-spline or shear block connections.

TU24000 dual cavity pour and debridge ultra-thermal barrier storefront is recommended for use on ground floor storefront or protected low-rise applications. Framing has 1/2" bite for use with glass or panels up to 1" thick. Verticals can be steel-reinforced for high performance against strong windloads. Tubelite 3700 Series operable windows can be glazed into the storefront framing pocket for natural ventilation. Framing is compatible with Tubelite's Medium and Wide Stile Thermal=Block® Doors.

Our TU24000 Series Storefront products are subjected to thorough testing by an independent laboratory, ensuring that you get the highest quality storefront framing products that the industry has to offer.

Thermal=Block®
HIGH-PERFORMANCE THERMAL FRAMING

400TU High Performance Thermal Curtainwall

ALSO USED WITH

Thermal Entrances



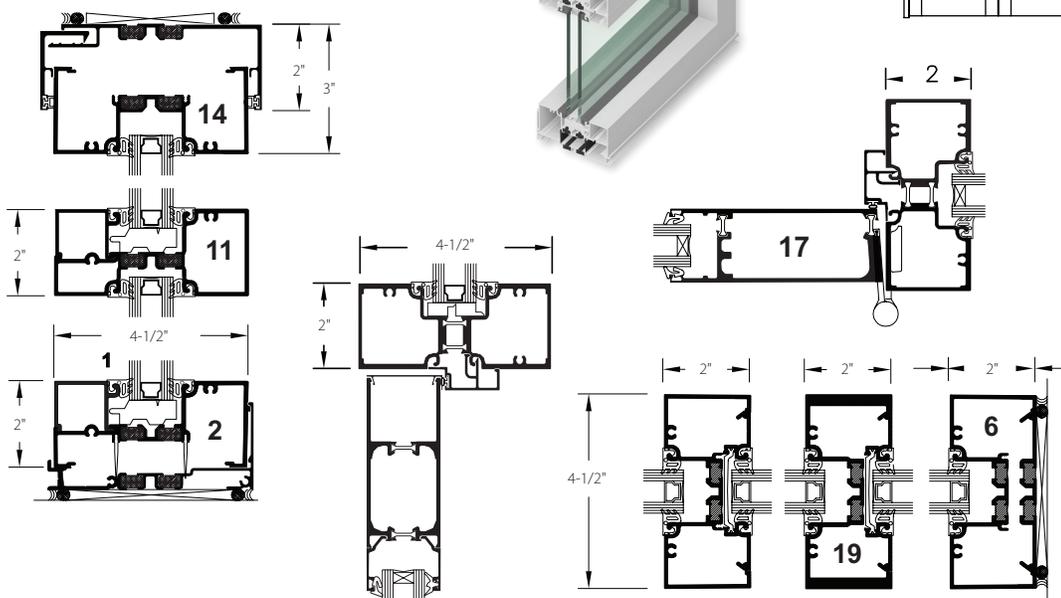
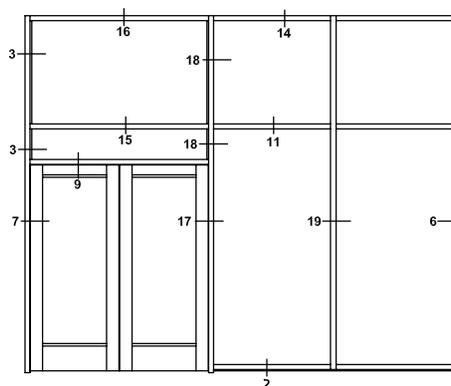
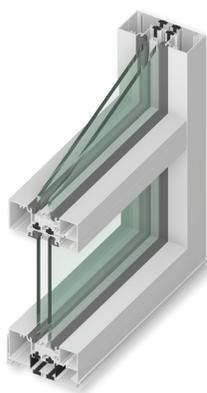
Wilmington Gardens, Salt Lake City, UT
Photographer: Cache Valley Photographers

TUBELITE®
DEPENDABLE

LEADERS IN ECO-EFFICIENT STOREFRONT, CURTAINWALL AND ENTRANCE SYSTEMS

Tubelite® TU24000 Storefront

Dual cavity pour and debridge ultra-thermal barrier



System Features:

- Standard 2" (50.8mm) sight line on verticals and horizontals
- 4-1/2" (114.3mm) system depth
- Dual cavity pour and debridge ultra-thermal barrier for maximum thermal performance with Azon's Lancer® mechanical lock
- EPDM wedge type gaskets for 1" glass or panel thickness
- Glass centered in the system depth

Optional Features:

- Screw-spline or shear block connections
- Steel reinforcing if required
- Easily integrates with standard or thermal doors
- A wide variety of standard anodized and painted colors are available to complement any project with warranted protection, as well as street appeal.

Tubelite® TU24000 Storefront Product Specifications

Application: Low and mid-rise commercial buildings requiring high energy and condensation resistance performance

Description: 2" x 4-1/2" dual thermal barrier center set storefront system, screw spline or shear block connections, exterior or interior glazed

Face Width:	Overall Depths:	Glass:	Air Infiltration:	Water Infiltration:	Structural:	U-Factor**:	CRF:	Acoustics:
2"	4-1/2"	1" std. (1/8" to 1-1/8")	0.06 CFM / Ft.2 @ 6.24 PSF	12 PSF - Static 12 PSF - Dynamic	30 PSF - Design 45 PSF - Overload	0.31 - Thermally Broken	69 _F 68 _G	STC 37 OITC 31

** U-Factor per NFRC 100: COG = 0.24 with warm edge spacer, 2" x 4-1/2" thermal frame.

Refer to the U-Factor table at: www.tubeliteinc.com/products/storefront/thermlblock-tu24000/ for other glass makeups and configurations.

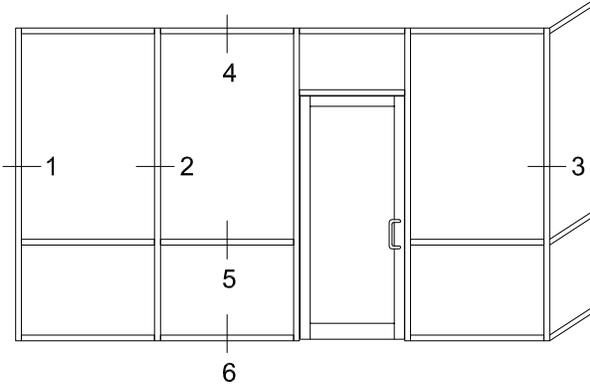
DISCLAIMER: Tubelite takes no responsibility for product selection or application, including, but not limited to, compliance with building codes, safety codes, laws, merchantability or fitness for a particular purpose; and further disclaims all liability for the use, in whole or in part, of this Technical Guide in preparation of project specifications and/or other documents. Technical Guides are subject to change at any time, without notice, and at Tubelite's sole discretion. ©2017 Tubelite Inc.

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TUBELITE®

DEPENDABLE

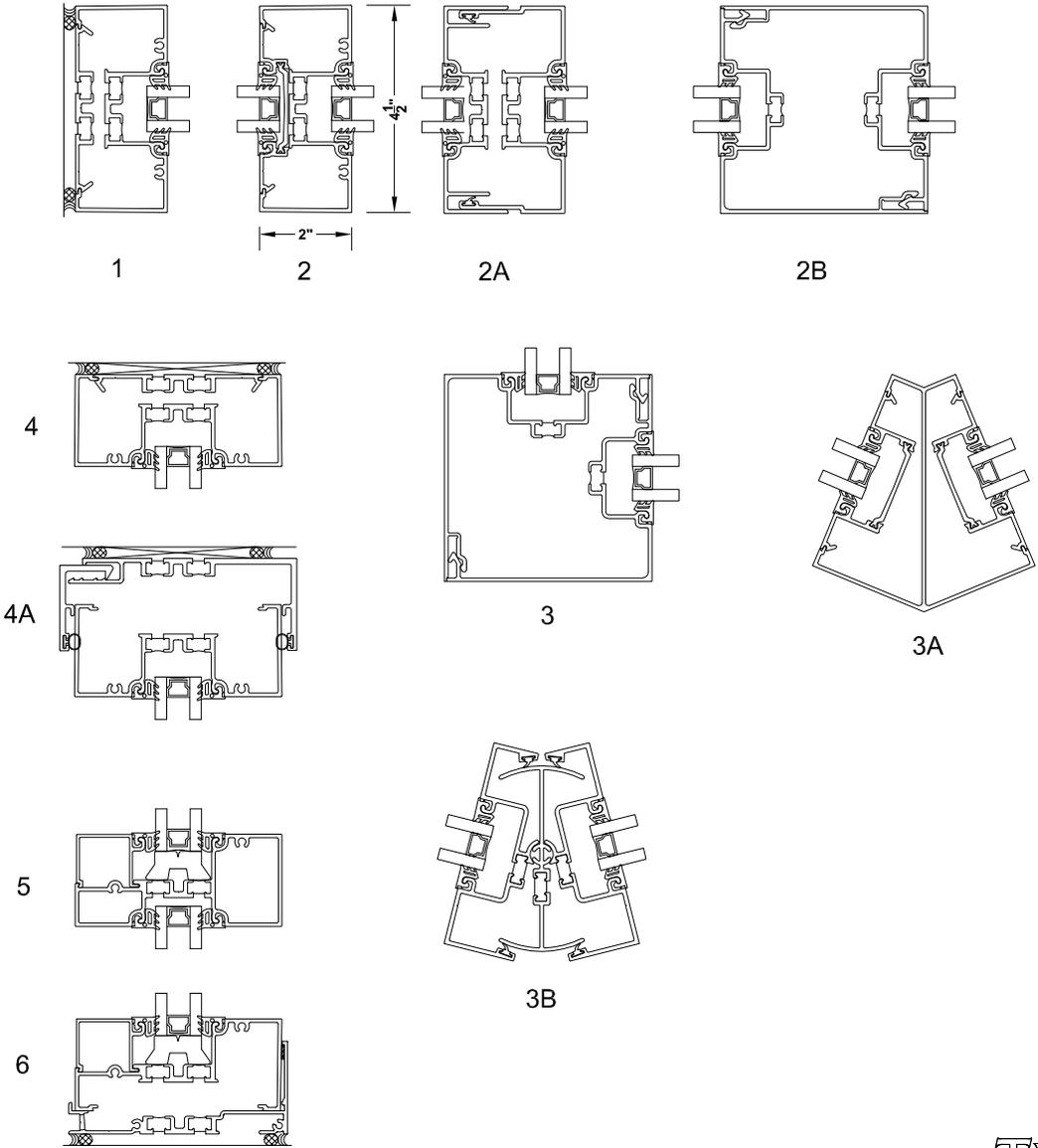
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS



Tubelite reserves the right to change system configuration without prior notice when deemed necessary for product improvements.

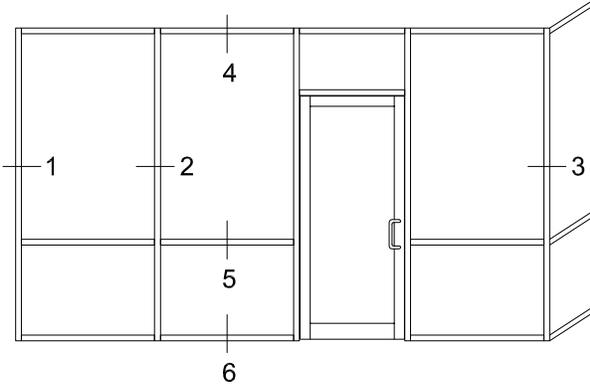
Laws and building & safety codes governing the design and use of glazed entrance, window and curtain wall systems vary widely. Tubelite does not control the selection of product configurations, operating hardware or glazing materials, and assumes no responsibility thereof.

Outside Set Standard Details
1/4 scale



June 2020

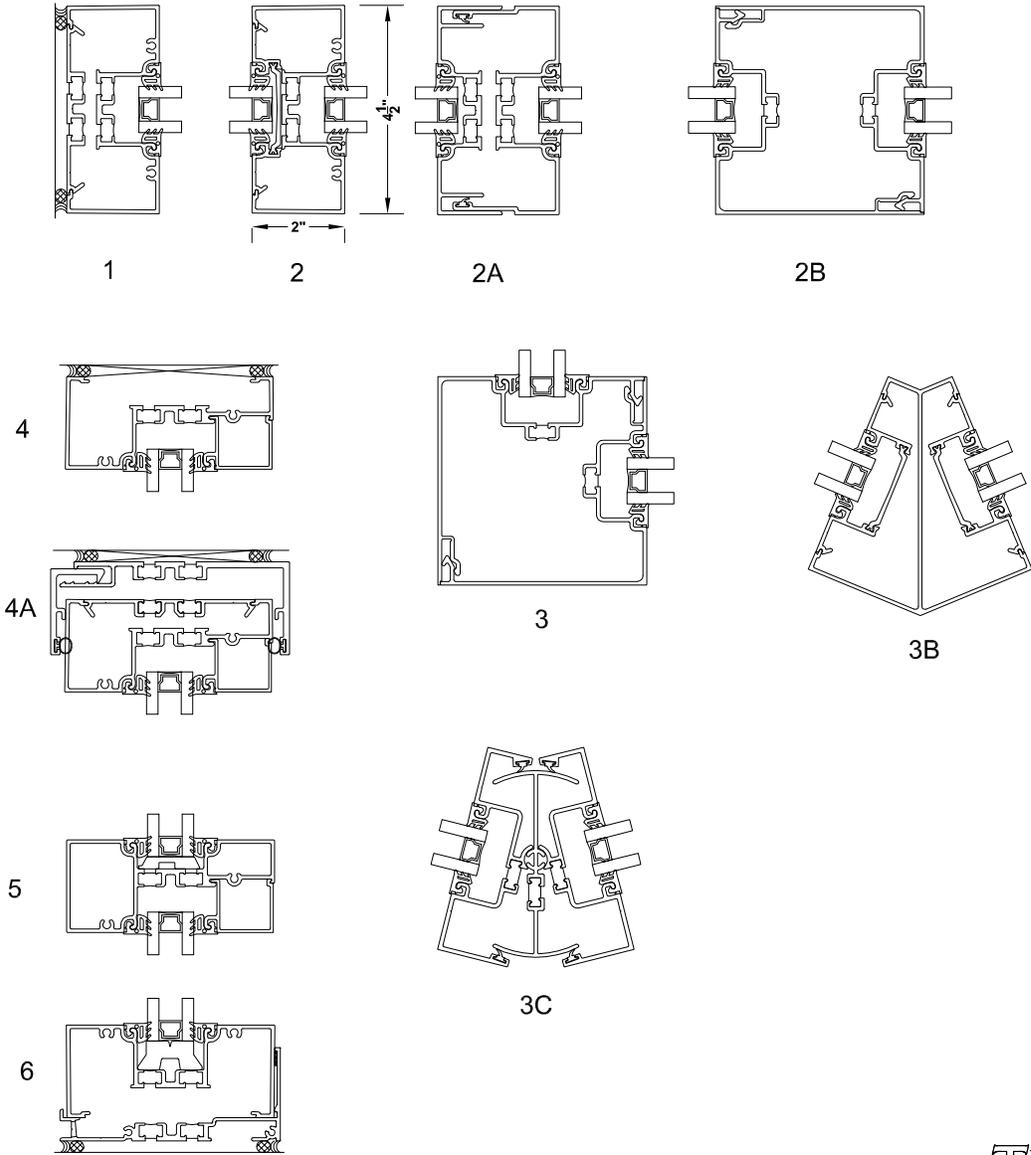
For specific product applications, contact your Tubelite representative. Details on this page represent standard details found on our website. For more options, visit our website at www.tubeliteinc.com/tu24000/



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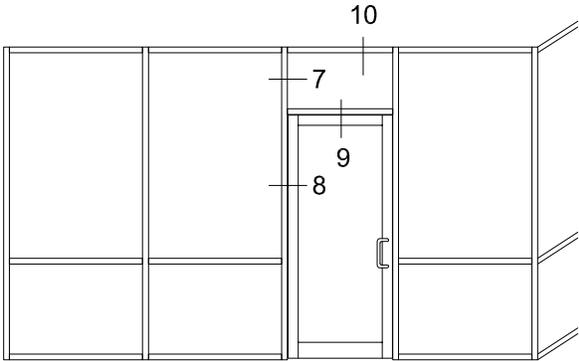
Inside Set Standard Details
1/4 scale



June 2020

TUBELITE[®]
DEPENDABLE
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

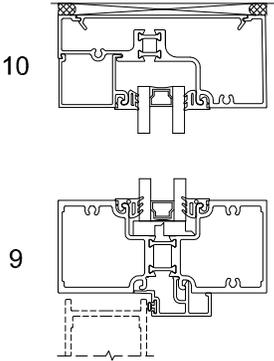
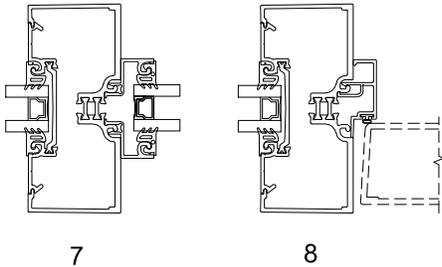
For specific product applications, contact your Tubelite representative. Details on this page represent standard details found on our website. For more options, visit our website at www.tubeliteinc.com/tu24000/



Tubelite reserves the right to change system configuration without prior notice when deemed necessary for product improvements.

Laws and building & safety codes governing the design and use of glazed entrance, window and curtain wall systems vary widely. Tubelite does not control the selection of product configurations, operating hardware or glazing materials, and assumes no responsibility thereof.

Door and Transom Standard Details
1/4 scale



June 2020

For specific product applications, contact your Tubelite representative. Details on this page represent standard details found on our website. For more options, visit our website at www.tubeliteinc.com/tu24000/

MATERIAL #3



OUTSULATION[®] SOLUTIONS FROM DRYVIT





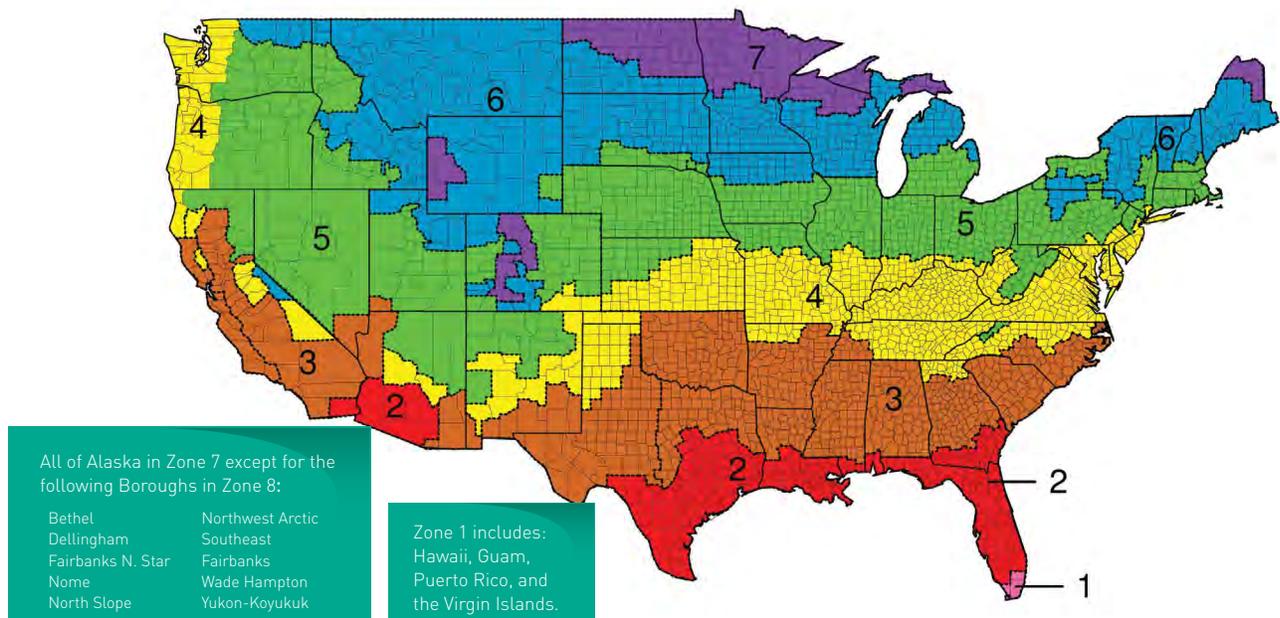
Liberty Center
Columbus, OH

WELCOME TO OUTSULATION, BY DRYVIT

As the name suggests, Outsulation systems place insulation on the outside of the building, and are the most effective solution for meeting today's energy code requirements for continuous insulation (CI).

But there is much more to Outsulation than CI alone. Outsulation systems deliver the latest in building science solutions for building envelopes, resulting in operational energy efficient, cost effective construction, low maintenance, low embodied energy building solution. Outsulation delivers:

- Engineered moisture drainage for incidental moisture
- Air & water resistive barrier membrane
- Anti-crack, impact resistant scrim
- High R-value with continuous insulation
- Durable and seamless finish veneer that provides a range of aesthetically appealing results



ENERGY CODES AND CI REQUIREMENTS

The Department of Energy (DOE) has mandated that all states comply with the ASHRAE 90.1-2010 design standard by September 26, 2016, which requires the use of continuous insulation (CI) on commercial buildings in over 90 percent of the United States. Other design standards and codes — such as ASHRAE 189.1, IECC 2012, IgCC 2012; Title 24, (Section 6) and CALGreen — will also require the use of CI, as well as air barriers, as they become adopted. The bottom line is that nearly all new commercial projects in the U.S. will soon require the use of an air barrier and CI as an integral part of exterior wall construction.

CI is much more efficient than the use of insulation in the wall cavity, and 2 inches of CI can have the effective R-value of 8 inches of cavity (batt type) insulation! As such, consider eliminating the use of cavity insulation altogether by using the right amount of CI to meet your total exterior wall insulation goals. An empty wall cavity improves airflow and reduces the dirt and moisture retention associated with batt insulation.

Rigid insulation, such as Expanded Polystyrene (EPS), can also be easily cut and shaped to provide dramatic architectural details and design effects, such as reveals, quoins, cornices and trim, that are much more difficult and expensive to achieve with heavier materials. Using an Outsulation system to combine the design flexibility and CI benefits of EPS is unique and extremely cost-effective.



Ronald McDonald House
Salt Lake City, UT



Sarkis & Siran Gabrellian
Child Care Learning
Center
Hackensack, NJ



HOW IT WORKS

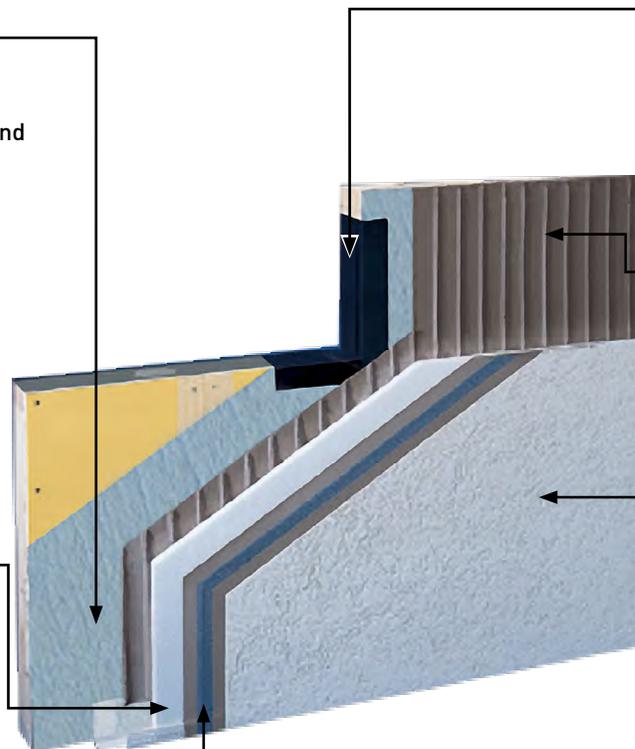
Outsulation systems typically consist of the following components, as determined by code and performance requirements.

DRYVIT/TREMCO APPROVED WATER-RESISTIVE BARRIER:
Seamlessly protects sheathing or substrate from incidental moisture and eliminates air infiltration

- Liquid-applied
- Continuous or monolithic
- Includes Backstop NTX®, Backstop NTX-VB, Securock® ExoAir® 430, ExoAir® 230

CONTINUOUS INSULATION:
Absorbs expected building movement and enhances energy efficiency

- Eliminates thermal bridging in framed construction
- Meets CI requirements for all zones per ASHRAE 90.1-2010
- Available in both EPS (expanded polystyrene) and XPS (extruded polystyrene)
- Available in various thicknesses and can fully meet wall insulation requirements



DRYVIT/TREMCO APPROVED FLASHING SYSTEM:
Seamlessly protects openings in the building envelope from moisture

- Includes AquaFlash® or Dymonic® 100

ADHESIVE / DRAINAGE MEDIUM:
Vertical notches allow drainage of incidental moisture

- Adheres insulation board to the Air- and Water-Resistive Barrier

FINISH COAT:
Blend of 100 percent acrylic copolymers, natural aggregates and UV resistant pigments

- Easy to maintain
- Available in many textures and limitless color options
- Offer multiple aesthetic options
- Options for increased hydrophobicity, flexibility and mildew and fade resistance

BASE COAT AND REINFORCING MESH:

Combine to provide the primary weather barrier and impact resistance

- Mesh embedded in base coat
- Various weights of mesh available, depending on impact resistance required

SYSTEM OPTIONS:

All Outsulation systems include adhesive, continuous insulation (CI), fiberglass mesh embedded in base coat, and finish, which are installed sequentially by a trained professional contractor as specified by the design team, and as required by code. Some Outsulation systems protect the underlying wall with an air- and water-resistive barrier under the CI, which maximizes the energy efficiency. Outsulation systems can be installed in either “barrier,” “moisture drainage” or “pressure equalized” configurations, and these systems are engineered to perform in all climates and on all types of structures. On certain types of construction (high-rise) and in certain job conditions (cold weather), lift-in-place, prefabricated wall sections may provide certain benefits.

SUSTAINABLE SOLUTIONS:

Outsulation systems have been evaluated by the National Institute for Standards and Technology (NIST) and have less environmental impact than other common claddings. They can also contribute toward achieving LEED credits, depending upon project design and location.

Outsulation systems are more cost-effective throughout their lifecycle because the manufacturing process requires less energy than other common claddings, and the lightweight composition reduces fuel costs associated with transport. After application, Outsulation systems continue to keep heating and cooling costs low for the life of the building. Visit dryvit.com for more information.

OUTSULATION

- Intended for use in commercial construction or over masonry
- Insulation adhered directly to substrate
- Designed as a barrier system

OUTSULATION PLUS MD SYSTEM

- Qualifies for all construction types
- Incorporates a liquid-applied, air- and water-resistive barrier
- Vertical adhesive beads facilitate moisture drainage
- Corrugated strip or track is incorporated at the base of the wall
- Passive drainage

OUTSULATION MD SYSTEM

- Qualifies for all construction types
- Incorporates a liquid-applied, air- and water-resistive barrier
- Grooved insulation board facilitates moisture drainage
- Vent track and vent assembly are incorporated at the base of the wall
- Engineered drainage

OUTSULATION HDCI™

- Provides a 20-year warranty on puncture resistance
- Incorporates a liquid-applied, air- and water-resistive barrier
- Corrugated strip or track is incorporated at the base of the wall
- Qualifies for commercial construction
- Provides a 20-year warranty on puncture resistance
- Passive drainage

OUTSULATION X™ SYSTEM

- Features DOW® XENERGY™ Extruded Polystyrene (XPS) insulation board
- Incorporates a liquid-applied, air- and water-resistive barrier
- Vertical adhesive beads facilitate moisture drainage
- Drainage strip is incorporated at the base of the wall
- Qualifies for all construction types
- Supplemental fasteners required
- Passive drainage

OUTSULATION LCMD SYSTEM

- Qualifies for all construction types
- Mechanically fastened over sheet type water-resistive barriers (by others)
- Corrugated strip or track incorporated at the base of the wall
- Multiple drainage and attachment options available

OUTSULATION PE SYSTEM

- Qualifies for all construction types
- Incorporates a liquid-applied, air- and water-resistive barrier
- Closure blocks are configured to “compartmentalize” the wall for pressure equalization
- Vent track and vent assembly are incorporated at the base of the wall
- Engineered moisture drainage and pressure equalization

OUTSULATION RMD SYSTEM

- Intended for residential, wood framed (one and two family) construction
- Can incorporate a liquid applied air- and water-resistive barrier or sheet membrane and drainage mat
- Drainage strips or track incorporated at the base of the wall
- Multiple drainage and attachment options available

OUTSULATION SYSTEMS WITH SE430

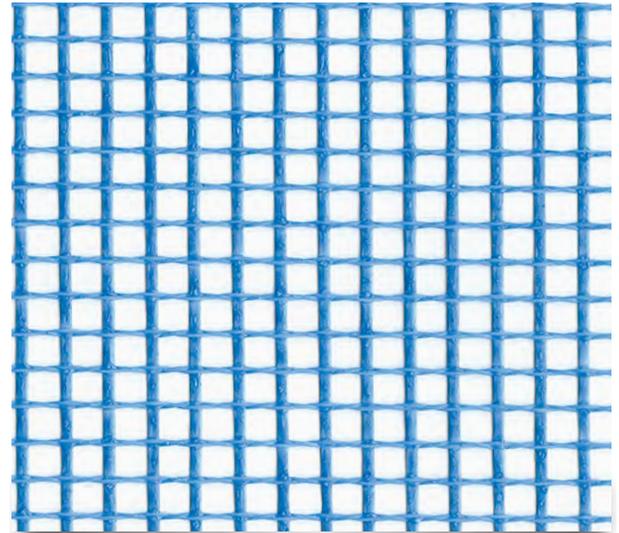
- Outsulation MD Securock ExoAir 430
- Outsulation Plus MD Securock ExoAir 430
- Outsulation HDCI Securock ExoAir 430
- Outsulation PE Securock ExoAir 430
- Outsulation X Securock ExoAir 430

DURABILITY

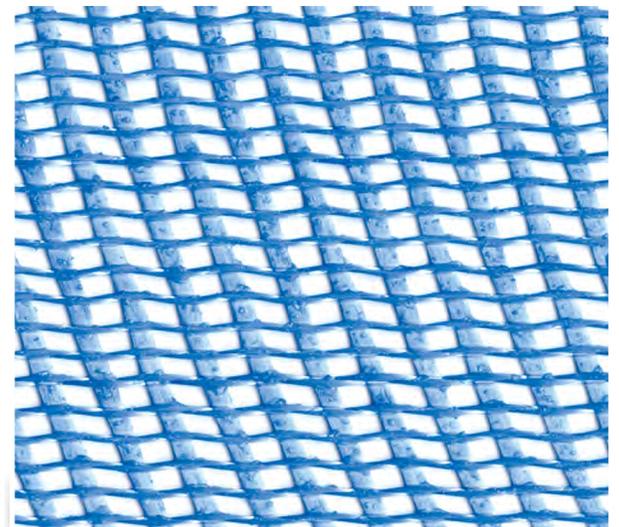
All Outsulation systems incorporate alkali and fire-resistant fiberglass mesh that is embedded into the base coat over the entire surface of the insulation board

This combination provides the primary weather barrier, as well as tensile strength and impact resistance for the system, and these factors all play a critical role in protecting the physical integrity and beauty of the building exterior. The mesh is available in several weights and is specified according to the anticipated level of exposure to potentially damaging impact.

The heaviest and strongest — Panzer 20 Mesh — is intended for use at all ground floor locations and high-traffic areas such as balconies. Hurricane-prone regions may have building codes that require assemblies reinforced with Panzer Mesh. Panzer 20 is also the required mesh in Dryvit's Outsulation HDCI system, which comes with a 20-year puncture resistance warranty. Consult Dryvit's Engineering Department or your local Dryvit representative for more information on these circumstances.



Standard™ Mesh



*Panzer® 20 Mesh
Provides 10 times (1000%)
better impact resistance
than Standard™ Mesh*

DRYVIT REINFORCING MESH OPTIONS:

Standard™ Mesh: Recommended for normal-wear applications on the second story and above

Corner Mesh: Used to reinforce corners and recommended on all ground-floor applications

Intermediate™ Mesh: Recommended for medium-level traffic and impact requirements on the second story and above

Panzer® 20 Mesh: Recommended for all high-traffic areas

AESTHETICS

The perfect solutions for any design.

Dryvit Outsulation systems offer unlimited design flexibility to suit any architectural style, and are available with a wide range of finishes that can be customized to meet virtually any color or texture desired.

The ability to easily create a vast array of architectural designs using decorative shapes and reveals is one of the hallmarks of an Outsulation system.

VENEERS



Seamless Stone



Traditional Plaster Renders



Old World or "Aged" Plaster



Metal Panel Effects



Limestone



Brick



Bellagio
Las Vegas, NV



The Stratford
Cincinnati, OH

FINISHES

Brick Veneer

Like the traditional look and feel of brick? No problem. Dryvit provides the look and feel of brick combined with all the benefits of continuous insulation that results in a highly energy efficient brick wall.

Dryvit provides the latest in brick wall technology that includes a water management system and a high R-value through the use of CI that meets the latest building code. All backed by a single source warranty that covers the entire assembly from the air/water-resistive barrier to final brick veneer.

Options:

- NewBrick® is a lightweight insulated brick that matches the size, appearance and texture of claybricks while reducing the overall wall cost and accelerating the dry-in process
- Custom Brick is a templated acrylic finish that creates a realistic brick masonry finish



Office Building
Schenectady, NY

AVAILABLE IN UNLIMITED COLORS, TEXTURES AND PATTERNS

Some examples include but are not limited to:



Corinth



Georgetown



Littleton



Rockland



Used Wall Brick



Brooklyn Brick



Utility Brick

FINISHES

TerraNeo®

Like clay brick, granite is heavy and energy-intensive to find, produce and transport, and it can take months to get materials from the quarry to the jobsite.

Made from a blend of quartz, minerals, and mica, TerraNeo finish offers a 21st century alternative to granite that is environmentally sustainable, readily available, easy to apply and, best of all, looks fantastic!



Office Building
Salt Lake City, UT

T E R R A N E O ®

AVAILABLE IN 10 STANDARD COLORS

Custom matches to an existing building or granite sample can be developed.



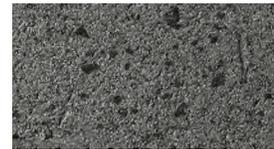
Everest



Glacier



Andes



Amazon



Serengeti



Vesuvius



Sonora



Teton



Zanzibar



Gibraltar

Mica Colors: Available in silver/white, gold and black.

FINISHES

Reflectit™

Reflectit finish offers a rich, pearlescent look that can be used to coat other textured Dryvit finishes, or to achieve a smooth, metal panel look. With Reflectit, you can make your next project literally shine!

Reflectit™



Hyatt Place
St. Louis, MO

AVAILABLE IN 12 STANDARD COLORS

Custom colors are available upon request.



250
Teal Magnolia



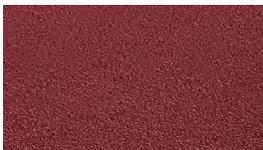
251
Starry Night



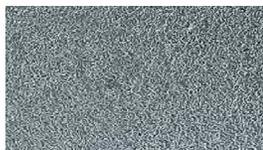
252
Hammered Copper



253
Cleopatra



254
Sierra Rose



255
Tin Man



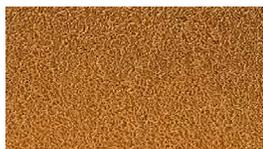
256
Mediterranean



257
Champagne



258
Barney



259
Maize



260
Caribbean



261
Chili Pepper

FINISHES

Textured Finishes

Dryvit also offers numerous finish textures more commonly associated with the look of stucco, concrete and limestone. Made from a blend of 100 percent acrylic polymers, high-performance pigments, natural aggregates and utilizing DPR (Dirt Pickup Resistant) chemistry, they are beautiful, durable, and can be stained after drying to provide a dazzling old-world or antique look.



Retail Center
Sioux Falls, SD

AVAILABLE IN A WIDE VARIETY OF STANDARD TEXTURES



Sandpebble™



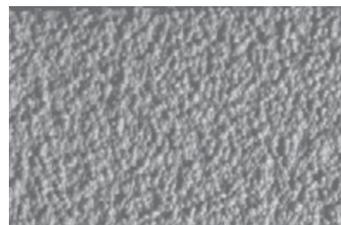
Sandpebble Fine™



Quarzputz®



Freestyle®



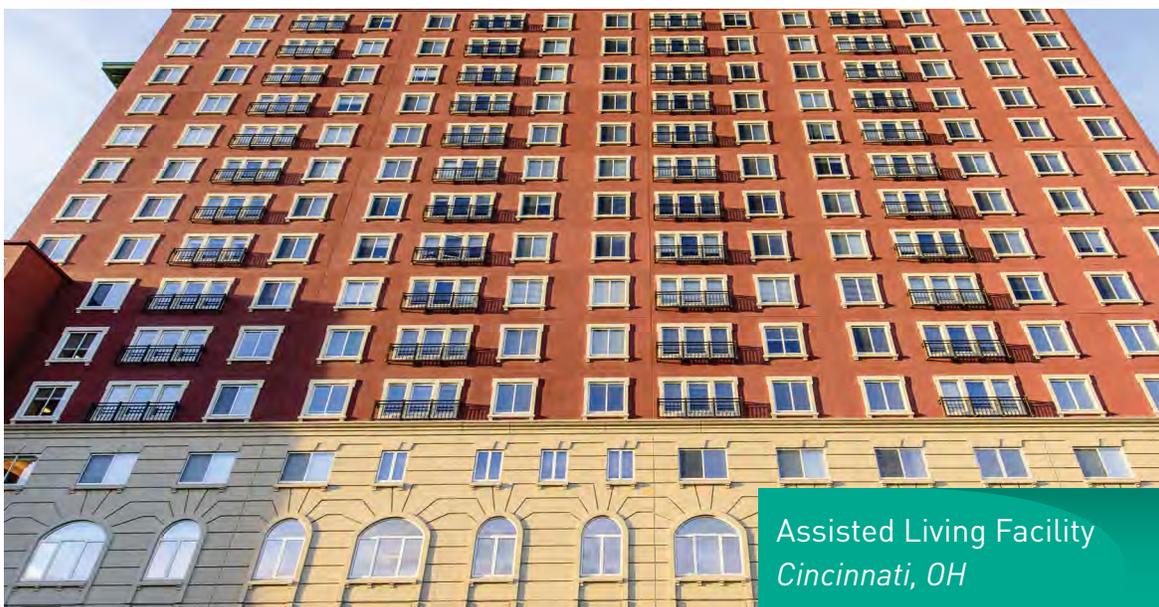
Sandblast®



PERFORMANCE ENHANCEMENTS

HIGH STYLE MEETS HIGH PERFORMANCE

All Dryvit finishes are formulated with superior quality raw materials and have been thoroughly tested to perform in a wide range of expected conditions, but options exist to further enhance performance in particularly harsh or challenging environments.



THESE INCLUDE:

Fade resistance: High-performance pigments are used to formulate vivid colors that would otherwise be prone to rapid UV breakdown. This state-of-the-art technology is also VOC and APEO free. Refer to DS269.

Elasticity: Special elastomeric and proprietary “V Rock” technology is used to provide increased flexibility, which performs exceptionally well when used in finishes applied directly to stucco or other rigid surfaces. Refer to DS249.

Hydrophobicity: Advanced water-repellent technology minimizes dirt accumulation and helps keep the wall looking like new. Refer to DS267.

Mildew resistance: Dryvit’s “PMR” technology utilizes advanced biocides for use in damp or shady environments where algae or mildew growth is likely. Refer to DS223.





PERFORMANCE ENHANCEMENTS

MULTIPLE BENEFITS OF USING OUTSULATION SYSTEMS

Using Outsulation Systems can reduce material use, shorten construction time, and lower building operating costs, and architects, contractors and building owners enjoy these measurable benefits every day. Fred Quinn of Quinn & Associates is one such architect. He chose the Outsulation Plus MD system for the Metro Career Academy in Oklahoma City, and exceeded the expectations of the project stakeholders by using the energy efficient, design-flexible, single-source cladding.

Brick is so common in Oklahoma City that a section of the city is actually nicknamed “Bricktown,” so it was logical that the original design of the Metro Career Academy building specified 24,000 square feet of clay brick and 13,000 square feet of cast stone. Knowing the high price for both these materials and their installation, Quinn was open to considering a more cost-effective and sustainable solution, as long as his aesthetic intent could be maintained. Dryvit’s Outsulation Plus MD System with Custom Brick™ and Limestone™ finish fully met both objectives.



Find out more and watch a video case study

Architect:
Quinn & Associates
Oklahoma City, OK

General Contractor:
CMS Willowbrook
Oklahoma City, OK

Dryvit Applicator:
DMG Masonry
Arlington, TX



PROJECT HIGHLIGHTS

MATERIAL SAVINGS

Otsulation Plus MD (using 4 inches of EPS) allowed the construction team to achieve the performance R-values required of the exterior wall, and eliminate the use of cavity insulation entirely. Substituting the 1.5-pound per square foot Otsulation Plus MD system for the 40-plus pounds per square foot masonry reduced the amount of concrete and structural steel needed to support the weight of the wall, and overall, 1.4 million pounds of materials — 96 percent of the original cladding weight — were eliminated from use!

LABOR SAVINGS

All components of the Otsulation Plus MD System were installed by a single trained subcontractor, simplifying the construction schedule.

CONSTRUCTION TIME SAVINGS

Using less structural material and a single contractor for the Otsulation Plus MD system reduced overall construction time by 15 weeks, which saved money and enabled the owner to move into his building ahead of schedule.

SINGLE WARRANTY

Otsulation systems are engineered, tested and fully-warranted by Dryvit, whereas a brick wall is composed of a variety of materials supplied by different manufacturers.

LEED CERTIFICATION

The Otsulation Plus MD system contributed to earning maximum EA category credits and LEED Gold certification.

ENERGY SAVINGS

Measured against the modeled performance of an identical structure built to meet local building and energy codes, this building was predicted to have an energy savings of 34.8 percent and an energy cost reduction of 42.8 percent annually. After one full year, the actual energy cost reduction was 52.6 percent — more than the modeled expectation!

By choosing Dryvit's Otsulation Plus MD system, the design and construction team were able to meet the owner's aesthetic and performance goals ahead of time, and under budget. With numerous challenges to overcome and ambitious goals to meet, Otsulation by Dryvit delivered measurable results above and beyond expectation, and will continue to do so for the lifetime of the building.



Building Energy Codes Are Changing

The international movement to improve energy performance and lower environmental impact is dramatically affecting the way buildings must be designed and built, particularly with the requirements for air barriers and continuous insulation. Outsulation by Dryvit is a tested and proven solution to this challenge.

Best of all, with Outsulation systems, performance and aesthetics aren't mutually exclusive. The wide variety of finishes, textures and colors can make nearly any architectural vision a reality.

The benefits of Outsulation have been realized in hundreds of thousands of projects around the world, and the systems provide a single-source, seamless and sustainable cladding solution for buildings of any shape, size and type.

Simply put, Outsulation systems provide everything you need from a building code perspective, and everything you want from a performance and aesthetic standpoint.

Visit dryvit.com or call 800-556-7752 to learn more about Outsulation by Dryvit.

Tremco Construction Products Group brings together the Commercial Sealants & Waterproofing and Roofing & Building Maintenance divisions of Tremco CPG Inc.; Nudura Inc.; Prebuck LLC; Willseal; Weatherproofing Technologies, Inc.; Weatherproofing Technologies Canada, Inc.; Pure Air Control Services, Inc.; and Tremco Barrier Solutions, Inc.



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DS266



Construction Products Group

3735 Green Rd. | Beachwood, OH 44122
800.321.7906 | tremcocpg.com

MATERIALS #4 #5 #6 #7

PAC-CLAD[®]

P E T E R S E N

A CARLISLE COMPANY

Architectural Metal

Custom Fabrication, Curtainwall,
Storefront and Wall Applications



Emmis Communications Corp., Indianapolis, IN
 Architect: RATIO Architects, Inc.
 Glazing contractor: ASI Limited
 Custom fabrication: Ornamental Sill Flashing



Petersen Aluminum Corporation was founded in 1965 as a metals service center to the architectural metal industry. Since then, Petersen has transformed itself into a respected and recognized leader in architectural metal. With state-of-the-art equipment and a dedicated sales and management team, Petersen has become an innovator in the metals market, and is ready to apply its 50-plus years of experience to the glass industry.

With a complete line of PAC-CLAD metal products including column covers, corrugated panels, metal composite panels, metal plate panels and custom heavy-gauge fabrication, Petersen is dedicated to making projects run smoothly and cost-effectively.

In addition to its Chicago-based headquarters, Petersen maintains full production facilities in Annapolis Junction, Maryland; Tyler, Texas; Phoenix, Arizona; and Acworth, Georgia, plus a regional sales office in Andover, Minnesota. With these locations, Petersen is able to provide high-quality metal products at competitive prices with dependable lead times.

Technical assistance and service are provided by Petersen’s staff and complemented locally by its nationwide organization of architectural representatives. Assistance is available for design, budgeting, material and finish selection.

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14 COMPOSITE WALL PANELS

15 COLUMN COVERS

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17 PVDF WOOD GRAIN FINISHES

18 PAC-CLAD® COLOR CHART

19 PAC-CLAD® COLOR AVAILABILITY

CUSTOM FABRICATION



Understanding that it's all in the details is how Petersen provides custom fabrication that meets the most exacting requirements. With state-of-the-art technology and insightful expertise, Petersen ensures unmatched quality and service from coil to finished part to complete even the most demanding project.

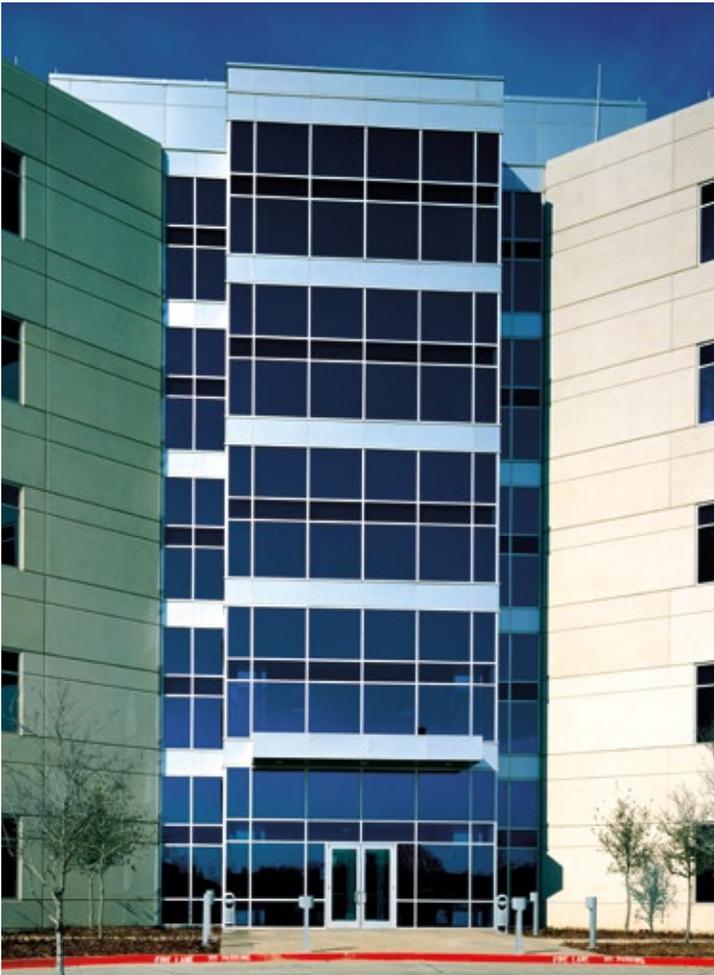
Petersen's goal is simple: Provide precision-made parts to closely held tolerances to meet all of a customer's expectations. With the most advanced CNC shearing and bending equipment combined with more than 50 years of industry experience, Petersen offers superior innovation and flexibility for producing a wide range of custom architectural components.

FABRICATION CAPABILITIES

- ▶ Ideal for curtain wall, glass and glazing industries
- ▶ Precision shearing to meet exact dimensions
- ▶ Can produce parts up to 20' long
- ▶ Custom radius and bull nose parts
- ▶ Available in custom heavy or light gauge parts:
 - Galvalume steel from 16 to 26 gauge
 - Copper in 16 oz. and 20 oz.
- ▶ Able to achieve custom-designed panels as well as simple angles

FINISHING CAPABILITIES

- ▶ Spray-applied, non-standard or custom colors available in Kynar 500 formulation
- ▶ Exterior grade and Class I architectural anodized finishes available

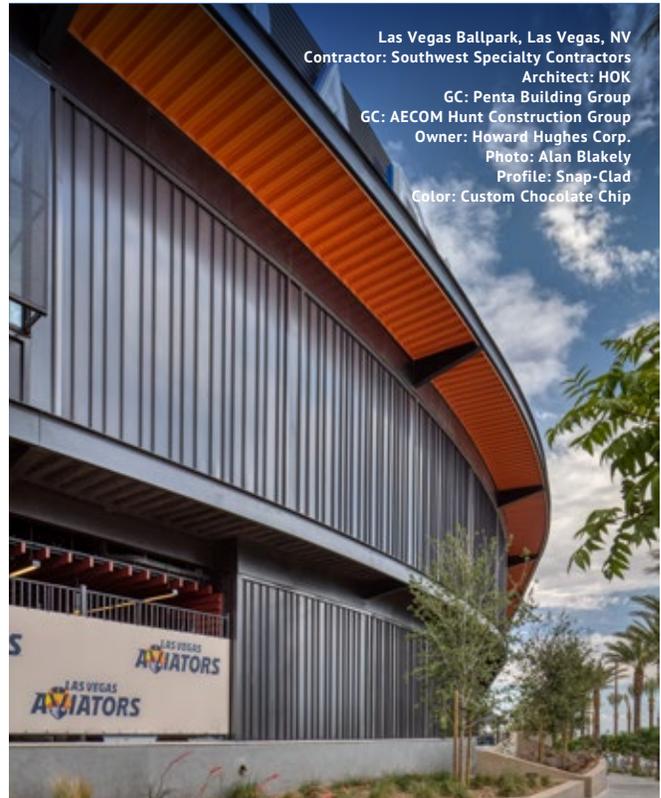


Cover Photo:
Lone Star College East Aldine Satellite Ctr, Houston, TX
Contractor: PRC Roofing and Sheet Metal
Architect: Texas IBI Group
GC: Bartlett Cocke
Photo: Alan Blakely
Profiles: Highline S1, Flush panels
Colors: Copper Penny, Cardinal Red

PAC-CLAD® WALL PANEL APPLICATIONS



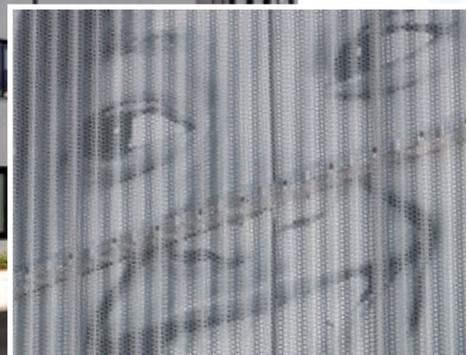
AISD Performing Arts Center, Austin, TX
 Contractor: Texas Roofing Co.
 Architect: Pfluger Associates Architects
 GC: American Constructors
 Owner: Austin Independent School District
 Photo: Tom Coplen
 Profiles: Flush Panels, M-42 Panel
 Colors: Burgundy, Colonial Red
 Terra Cotta, Galvalume



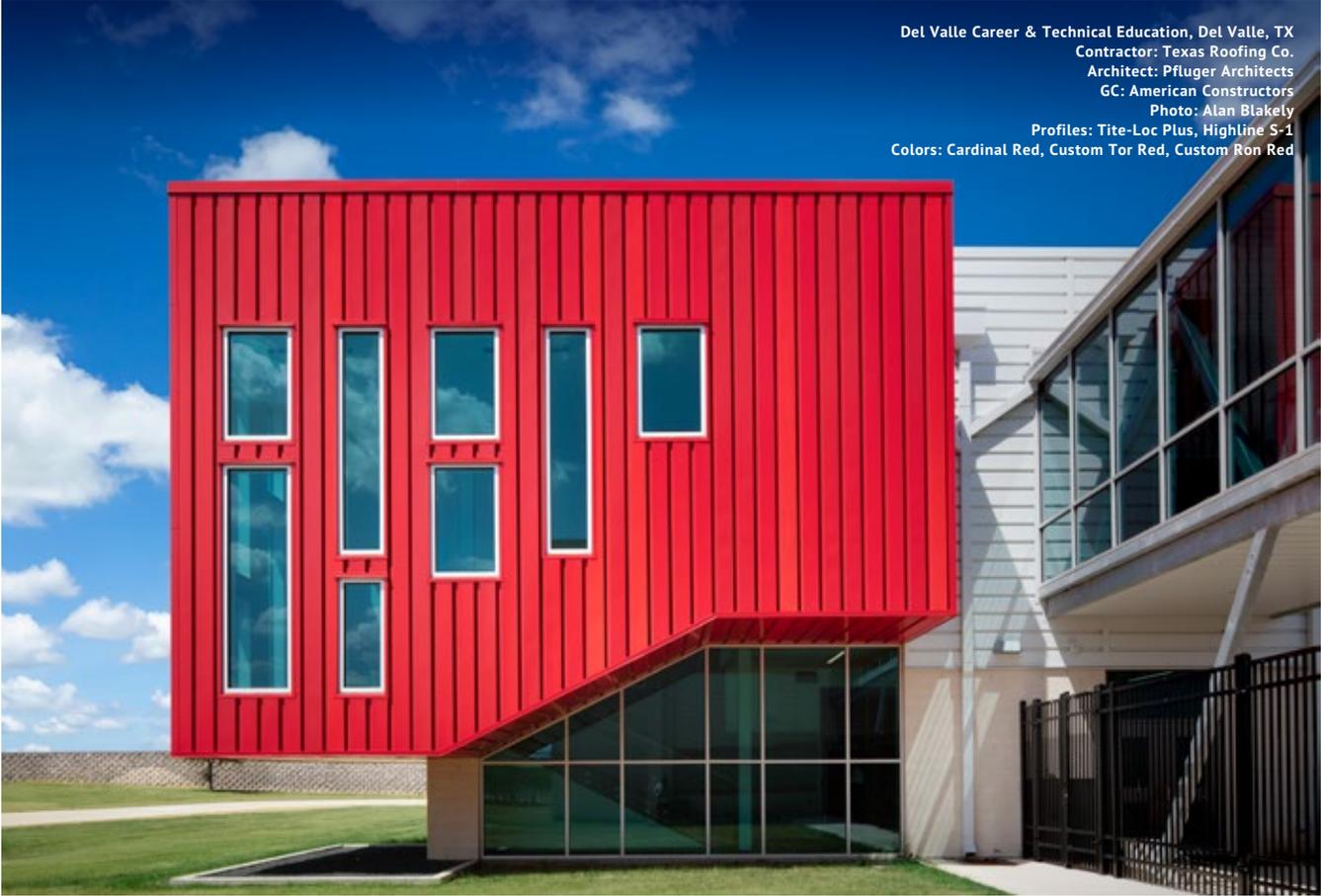
Las Vegas Ballpark, Las Vegas, NV
 Contractor: Southwest Specialty Contractors
 Architect: HOK
 GC: Penta Building Group
 GC: AECOM Hunt Construction Group
 Owner: Howard Hughes Corp.
 Photo: Alan Blakely
 Profile: Snap-Clad
 Color: Custom Chocolate Chip



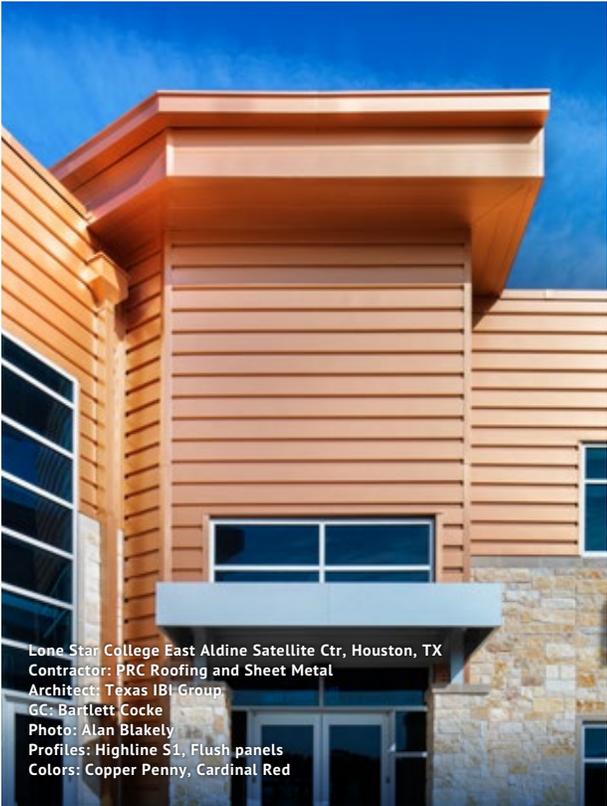
Moving Everest Charter School, Chicago, IL
 Contractor: WBR Roofing
 Architect: Team A
 GC: Novak
 Owner: By The Hand
 Photo: Scott Bell
 Profiles: 7/8-in. corrugated,
 7/8-in. perforated aluminum
 Color: Charcoal



Note: Image is behind the perforated metal.
 Image was not supplied by Petersen.



Del Valle Career & Technical Education, Del Valle, TX
 Contractor: Texas Roofing Co.
 Architect: Pfluger Architects
 GC: American Constructors
 Photo: Alan Blakely
 Profiles: Tite-Loc Plus, Highline S-1
 Colors: Cardinal Red, Custom Tor Red, Custom Ron Red



Lone Star College East Aldine Satellite Ctr, Houston, TX
 Contractor: PRC Roofing and Sheet Metal
 Architect: Texas IBI Group
 GC: Bartlett Cocke
 Photo: Alan Blakely
 Profiles: Highline S1, Flush panels
 Colors: Copper Penny, Cardinal Red



Private residence, PA
 Contractor: Mount Vernon Roofing
 Architect: 3GHC Architects
 GC: Amicus Construction
 Photo: hortonphotoinc.com
 Profiles: Snap-Clad, Precision Series Tiles cupped
 Colors: Weathered Zinc, Bright annealed

PRECISION SERIES HWP AND HIGHLINE WALL PANELS



Herrington-Ornelas HealthPark
 Contractor: Tyler Roofing
 Architect: HC Architects
 GC: WRL GCs
 Owner: Christus Trinity Mother Frances Health System
 Photo: Tom Coplen
 Profiles: Snap-Clad, HWP, Flush, Custom Coping
 Colors: Champagne, Dark Bronze

PRODUCT FEATURES

- ▶ No-clip panel, or clip installation for expansion/contraction
- ▶ Multiple rib patterns provide a variety of looks and design options
- ▶ Panel depths of 7/8" or 1-3/8"
- ▶ Cost-effective installation
- ▶ Horizontal or vertical installation
- ▶ Micro-seam corners available
- ▶ Panel lengths:
30' maximum for steel;

22' maximum for aluminum on the thru-fastened leg; longer lengths available on clip panels

MATERIAL

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- ▶ 16 stocked colors (22 gauge steel)
- ▶ 22 stocked colors (.040 aluminum)
- ▶ 29 stocked colors (.050 aluminum)
- ▶ Galvalume Plus available

TESTS

- ▶ ASTM E330
- ▶ ASTM E283
- ▶ ASTM E331
- ▶ AAMA 501.1-05-B1, B2, C2, S1
- ▶ ASTM 1592

FLORIDA BUILDING PRODUCT APPROVALS

Please refer to pac-clad.com or your local factory for specific product approval numbers for Precision Series panels.



HWP
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
 .040 aluminum 22 gauge steel
 .050 aluminum

SPECS

12" or 16" Wide 7/8" High



HIGHLINE B1
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
 .040 aluminum 22 gauge steel
 .050 aluminum

SPECS

11.356" Wide 1-3/8" High



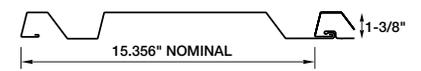
HIGHLINE B2
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
 .040 aluminum 22 gauge steel
 .050 aluminum

SPECS

15.356" Wide 1-3/8" High



Precision Series architectural wall panels provide design flexibility by combining bold visual effects with easy, cost-effective installation. Multiple profiles are available with a variety of rib patterns. Options for each profile include a no-clip panel, or a clip-fastened panel to accommodate expansion and contraction.

The original Precision Series HWP profile features a 7/8" depth, while the Precision Series Highline profiles are 1-3/8" deep,

and can be intermixed to add visual intensity to a building's exterior. Precision Series wall panels can be installed horizontally or vertically.

Consult Petersen rep for maximum length; minimum panel length is 4'. Additionally, these wall panels can be specified as perforated in aluminum only for use in equipment screen applications, or for architectural flair.



HIGHLINE C1
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

11.356" Wide 1-3/8" High



HIGHLINE C2
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

15.356" Wide 1-3/8" High



HIGHLINE M1
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

12.043" Wide 1-3/8" High



HIGHLINE S1
WITH OR WITHOUT CLIP

Note: Minimum panel length is 5'

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

11.356" Wide 1-3/8" High



HIGHLINE S2
WITH OR WITHOUT CLIP

Note: Minimum panel length is 5'

MATERIALS

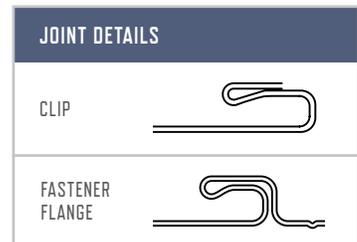
.050 aluminum 22 gauge steel

SPECS

15.356" Wide 1-3/8" High



Highline panels should be installed in single-piece runs, either horizontally or vertically. For panels more than 20-ft. long, the clip version should be utilized. For panels less than 20-ft. long, the screw leg version is acceptable. For wall elevations with panels longer than 36-ft., flashing breaks must be used as indicated by the architect or designer. Highline panels are NOT designed to be field lapped over one another.



Note: Line drawings on these two pages are not to scale.

PRECISION SERIES BOX RIB WALL PANELS

Precision Series Box Rib architectural wall panels provide design flexibility by combining bold visual effects with easy, cost-effective installation. Multiple profiles are available with a variety of rib patterns. Each profile is offered in a no-clip panel, or a clip-fastened panel to accommodate expansion and contraction.

The Box Rib profiles are 1-3/8" deep and a nominal 12" wide. All precision Series profiles, including Box Rib, Highline and HWP, can be intermixed to add visual intensity to a building's exterior. Precision Series wall panels can be installed horizontally or vertically. Consult Petersen rep for maximum length; minimum panel length is 4'.

Additionally, Precision Series wall panels can be specified as perforated but only in aluminum for use in equipment screen applications, over graphics or for architectural flair.

PRODUCT FEATURES

- ▶ No-clip panel, or clip installation for expansion/contraction
- ▶ Panel depth 1-3/8" nominal
- ▶ Panel width of 12" nominal
- ▶ Cost-effective installation
- ▶ Horizontal or vertical orientation
- ▶ Micro-seam corners available
- ▶ Panel length: 30' maximum for steel
- ▶ Panel length: 22' maximum for aluminum on the thru-fastened leg (no clip), longer lengths available on clip panels

TESTING

- ▶ ASTM E330
- ▶ ASTM E283
- ▶ ASTM E331
- ▶ AAMA 501.1-05
- ▶ ASTM 1592

MATERIALS

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 16 stocked colors (22 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- ▶ 22 stocked colors (.040 aluminum)
- ▶ 29 stocked colors (.050 aluminum)
- ▶ Galvalume Plus available



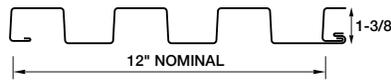
BOX RIB 1
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

12" Wide 1-3/8" High
Note: Minimum panel length is 4'



BOX RIB 2
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

12" Wide 1-3/8" High
Note: Minimum panel length is 4'



Note: Line drawings on this page are not to scale.



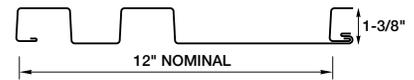
BOX RIB 3
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

12" Wide 1-3/8" High
Note: Minimum panel length is 4'



BOX RIB 4
WITH OR WITHOUT CLIP

MATERIALS

.032 aluminum 24 gauge steel
.040 aluminum 22 gauge steel
.050 aluminum

SPECS

12" Wide 1-3/8" High
Note: Minimum panel length is 4'



Box Rib panels should be installed in single-piece runs, either horizontally or vertically. For panels more than 20-ft. long, the clip version should be utilized. For panels less than 20-ft. long, the screw leg version is acceptable. For wall elevations with panels longer than 36-ft., flashing breaks must be used as indicated by the architect or designer. Box Rib panels are NOT designed to be field lapped over one another.

PRECISION SERIES TILES

The Precision Series Tiles collection from Petersen includes three metal tile profiles that offer designers, specifiers and installers an alternative to roll-formed panel-style cladding. The stamped tiles can be applied to roof or wall installations, and are offered in three styles including Cupped, Flat and Diamond. Designed to enhance architectural design, the tiles add dimension to the exterior of any structure. The tiles can be applied to either commercial or residential environments, and are covered by the PAC-CLAD 30-year finish warranty.

The interlocking tiles are formed using progressive tooling to create a uniform and cost-effective cladding solution. This system installs directly over plywood or elevated channels using concealed fasteners. No sealant is required for the tiles' breathable joints. Thermal gain and movement is not an issue,

as the small size of each tile means movement will be minimal. Only basic sheet metal tools are required to work with these products. Minimum slope of 3:12 for roof applications.

PRODUCT FEATURES

MATERIAL

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- ▶ .032 anodized
- ▶ Zalmag® coated steel (26 gauge) (Sold only in Florida and Texas)

ASTM TESTS

- ▶ ASTM E283
- ▶ ASTM E330
- ▶ ASTM E331

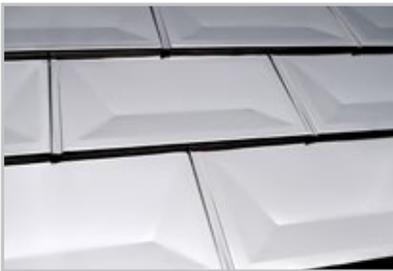
UL CLASSIFICATION

- ▶ UL 580-1897

AAMA TESTS

- ▶ AAMA 501.1

CUPPED TILE



FLAT TILE



DIAMOND TILE



CUPPED TILE

The cupped tile catches light at multiple angles that creates a multi-shade effect as viewing perspective changes. In roof applications, installers can safely walk on the cupped tiles during installation.

- ▶ Nominal: 15" x 9-5/8"
- ▶ Exposed: 14-1/2" x 8-5/16" +/- 1/16"

FLAT TILE

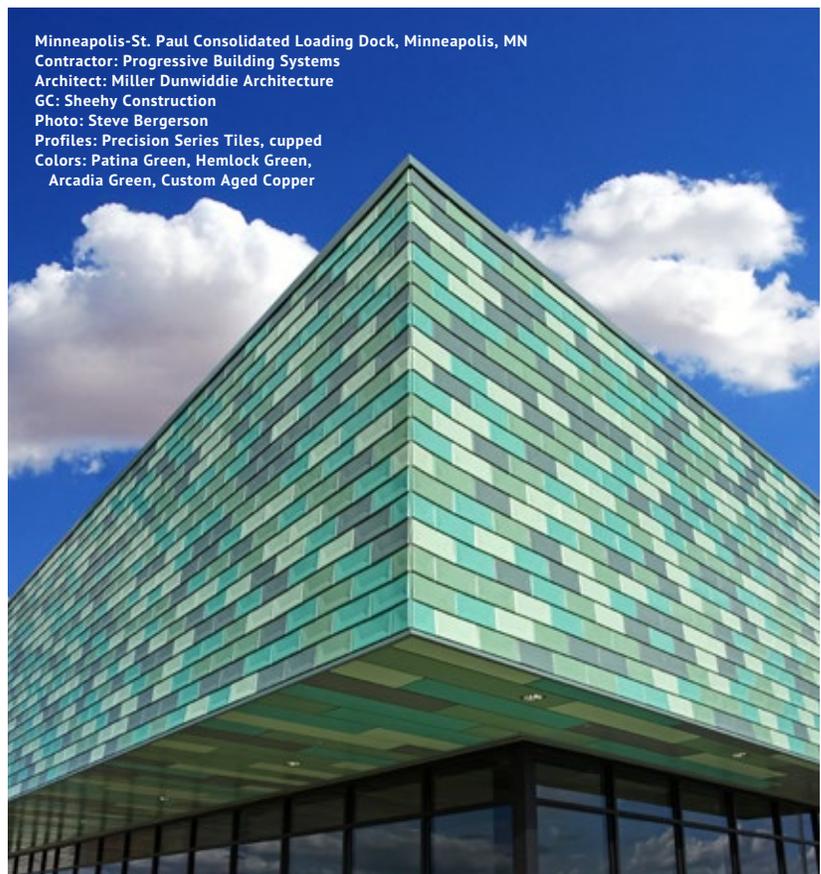
The flat tile has the flexibility to integrate with both modern and traditional designs.

- ▶ Nominal: 15" x 9-5/8"
- ▶ Exposed: 14-1/2" x 8-5/16" +/- 1/16"

DIAMOND TILE

Diamond tiles can be installed horizontally, or on an angle to achieve a diamond or clapboard pattern.

- ▶ Nominal: 8-5/16" x 9-3/4"
- ▶ Exposed: 7-1/4" x 8-5/16" +/- 1/16"



FLUSH AND REVEAL WALL PANELS

Flush and Reveal panels are designed for wall, fascia and soffit applications where a flat appearance is desired. A rounded interlock leg and concealed fastening system improves the flush appearance while providing additional strength. Panels are factory-formed to length to minimize field cutting. Maximum panel length is 25' and minimum panel length is 4'.

Flush panels are available in on-center dimensions designed to complement Petersen's roofing panel product line. Flush and Reveal joint configurations are available.

PENCIL RIBS

The Flush and Reveal panels are available with optional pencil ribs. Pencil ribs are recommended for longer panel lengths. One or two ribs are available.

INSTALLATION

Flush and Reveal panels shall be installed over a solid substrate with appropriate ice and water shield, or in limited applications over framing sections. When used in a windscreen application, panels must be fastened (stitched) through side joints. Consult a local architect/engineer for requirements of local codes and conditions.

OPTIONAL CLIP

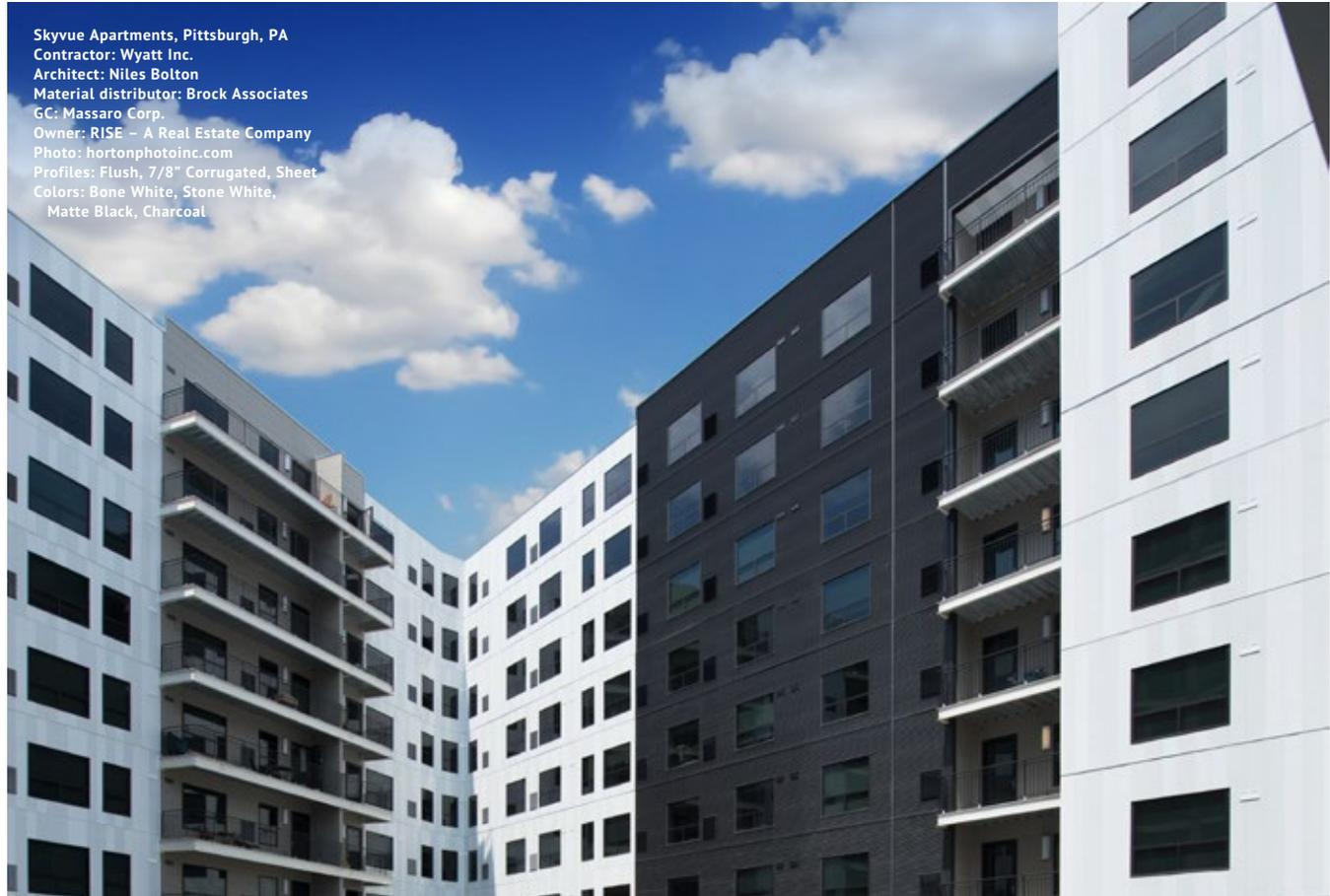
An optional patented concealed fastening clip is available to raise a panel assembly's wind resistance performance level. The optional clip has been designed and tested to resist disengagement during high-wind events.

TRIM

All flashing and trim shall be fabricated by Petersen or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032 - .063 gauge as specified) or PAC-CLAD steel (24 gauge or 22 gauge as specified). A 30-year non-prorated finish warranty can be supplied covering finish performance. Minimum bending radius is 2T; consult rep for details. Vinyl masking is recommended on all fabrication applications where extra handling is expected. NOTE: The strippable vinyl film must be removed immediately after installation.

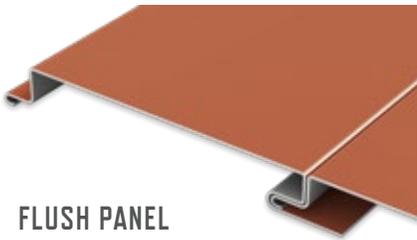
HORIZONTAL APPLICATIONS

When installing Flush and Reveal panels horizontally, install first panel at top of wall and proceed to bottom.





Rennen & Beecher Flats, Cincinnati
 Contractor: Deuss Enterprises
 Architect: Perfido Weiskopf Wagstaff + Goettel
 GC: Titan Real Estate Group
 Owner: 3CDC
 Photo: Matt Horton
 Profiles: Flush, Reveal panels
 Colors: Slate Gray



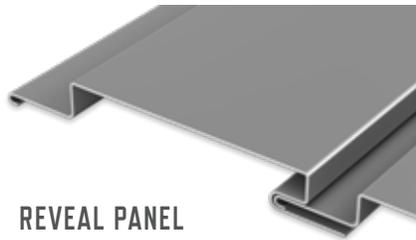
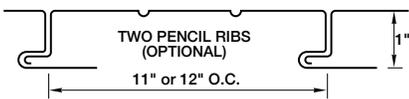
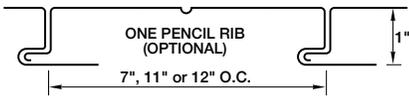
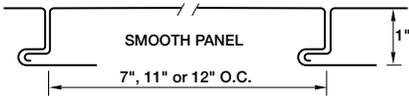
FLUSH PANEL

MATERIALS

.032 aluminum 24 gauge steel
 .040 aluminum* 22 gauge steel*

SPECS

7", 11", or 12" O.C. 1" High



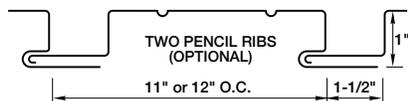
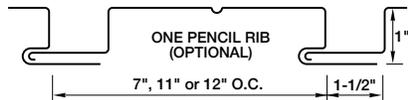
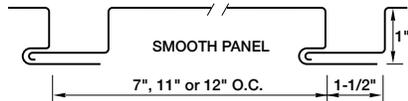
REVEAL PANEL

MATERIALS

.032 aluminum 24 gauge steel
 .040 aluminum* 22 gauge steel*

SPECS

7", 11", or 12" O.C. 1" High



PRODUCT FEATURES

- ▶ Available with up to two pencil ribs
- ▶ Rounded interlock leg provides improved flush fit
- ▶ Optional clips available for Miami-Dade wind resistance requirements
- ▶ 30-year non-prorated finish warranty
- ▶ Panel lengths from 4' to 25'

MATERIAL

- ▶ 43 stocked colors (24 gauge steel)
- ▶ 16 stocked colors (22 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- ▶ 22 stocked colors (.040 aluminum)
- ▶ Galvalume Plus available

ASTM TESTS - FLUSH

- ▶ ASTM E330 tested - 12" only
- ▶ ASTM 1592
- ▶ ASTM E283
- ▶ ASTM E331
- ▶ AAMA 501.1-05

FLORIDA BUILDING PRODUCT APPROVALS

Please refer to pac-clad.com or your local factory for specific product approval numbers for Flush panels.

*Limited color availability.

12" O.C. has reduced fastener flange. Clip not shown in drawings above.
 A complete specification is available online at pac-clad.com.

EXPOSED FASTENER PANELS



Petersen offers a complete line of exposed fastener panels, allowing for creative design flexibility in a cost-effective yet architecturally attractive metal panel. The versatile 7.2 panel, R-36 and 7/8" Corrugated panels can be specified for a wide range of building envelope applications including roofs, walls and linear panels. The M-36, M-42 and 1/2" Corrugated panels are suitable for wall and equipment screen projects.

TRIM

All flashing and trim shall be fabricated by Petersen or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032 - .063 gauge as specified) or PAC-CLAD steel (24 gauge or 22 gauge as specified). A 30-year non-prorated finish warranty can be supplied covering finish performance. Minimum bending radius is 2T; consult rep for details.

Vinyl masking is recommended on all fabrication applications where extra handling is expected. NOTE: The strippable vinyl film must be removed immediately after installation.

Photo above:
Patuxent River Naval Air Museum & Visitor Center, Lexington Park, MD
Installer: AGM Contracting Inc.
Architect: Westlake Reed Leskosky
GC: Biscayne Construction Inc.
Photo: hortonphotoinc.com
Profile: PAC-CLAD 7/8" Corrugated
Color: Custom Cadet Grey

PRODUCT FEATURES

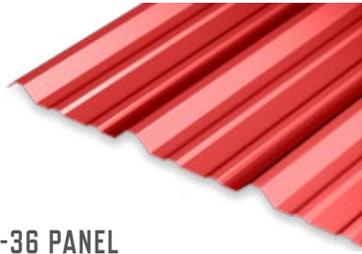
- ▶ 30-year non-prorated finish warranty
- ▶ Matching screws and rivets
- ▶ Closure strips available
- ▶ Precut short lengths (5'-0" minimum) (3'-0" on the M-42)
- ▶ Panel lengths up to 30' on steel and 22' on aluminum

MATERIAL

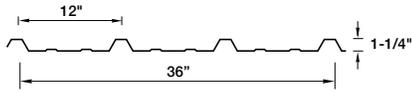
- ▶ 43 stocked colors (24 gauge steel)
- ▶ 16 stocked colors (22 gauge steel)
- ▶ 36 stocked colors (.032 aluminum)
- ▶ 22 stocked colors (.040 aluminum)
- ▶ 29 stocked colors (.050 aluminum)
- ▶ Galvalume Plus available

FLORIDA BUILDING PRODUCT APPROVALS

Please refer to pac-clad.com or your local factory for specific product approval numbers for exposed fastener panels.



R-36 PANEL

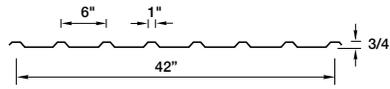


MATERIALS

- .032 aluminum 24 gauge steel
- .040 aluminum 22 gauge steel
- .050 aluminum

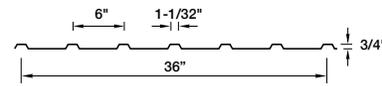


M-42 PANEL*



Note: Made only in Tyler, Texas facility

M-36 PANEL*

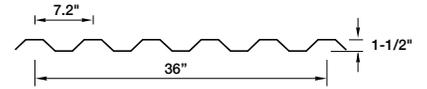


MATERIALS

- .032 aluminum 24 gauge steel
- .040 aluminum 22 gauge steel
- .050 aluminum



7.2 PANEL



MATERIALS

- .032 aluminum 24 gauge steel
- .040 aluminum 22 gauge steel
- .050 aluminum



7/8" CORRUGATED



1/2" CORRUGATED



*Note: The M-36 and M-42 panels are not intended for use in the construction of metal buildings or structural roof applications. Please consult with Petersen regarding the application of this panel. A complete specification is available online at pac-clad.com.

Photo at left:
Hurricane Dockside Grill, Hagerstown, MD
Contractor: Heidler Roofing
Photo: David Fonda
Profile: R-36 panel
Color: Cardinal Red

COMPOSITE WALL PANELS



Dearing Elementary School, Pflugerville, TX
 Contractor: Dean Contracting Co.
 Architect: SHW Group
 GC: Bartlett Cocke GCs
 Owner: Pflugerville Independent School District
 Photo: Dror Baldinger FAIA
 Profiles: Composite Panels, Flush Wall Panels
 Colors: Copper Penny, Silver Metallic

Petersen offers another dimension in design flexibility with its series of composite wall panels. PAC's panel systems provide unmatched performance and stunning visual effects for any commercial or retail application.

The PAC-3000 CS panels are comprised of an .020 face and back skin thermobonded to a polyethylene or fire-retardant core. Panels are formed by a rout-and-return process utilizing computer-controlled routing equipment. This state-of-the-art fabrication ensures tight tolerances and accurate panel dimensions. Staggered angle clips mounted to the panel allow for each panel to be installed and adjusted individually.

The PAC-3000 RS is a rain-screen system that eliminates the use of caulk, utilizing clean reveals for an architecturally pleasing system. The system is constructed with metal composite material (MCM), available in a wide range of finishes and colors to complement any design scheme. Extrusions are fixed to the perimeter of the panel and nest into the extruded track which is attached to the substrate. The result is a free-floating panel installation since the panel is not fastened to the substrate.

COLORS

The PAC-CLAD colors on pages 4-5 *do not* apply to composite panels. Consult Petersen rep for color options.

PRODUCT FEATURES

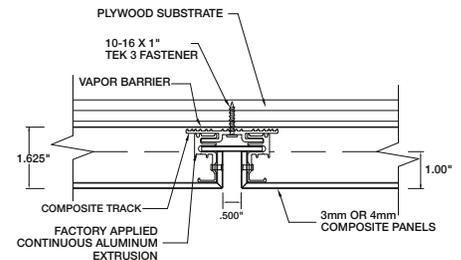
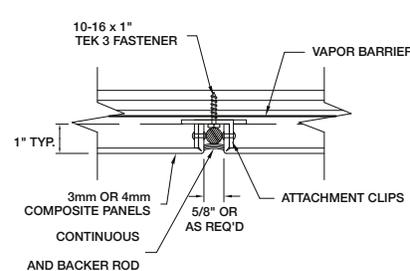
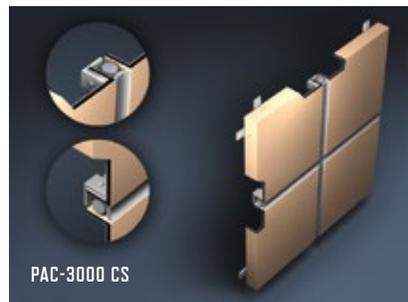
- ▶ Available in a wide variety of non-PAC-CLAD colors and finishes
- ▶ Precise fabrication to meet exacting tolerances
- ▶ Rout-and-return fabrication
- ▶ Welded corners available

MATERIAL

- ▶ 3mm, 4mm, 6mm – Composite
- ▶ .063 - .125 Mill Finish Aluminum
- ▶ Zinc ▶ Stainless steel
- ▶ Anodized aluminum

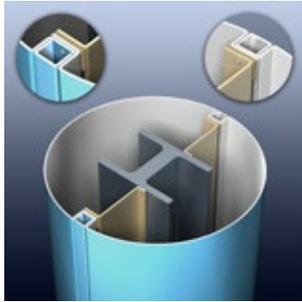
TESTS

- ▶ ASTM E283*, ASTM E330*, ASTM E331*
- *Composite material only





IBM Dulles Station West, Herndon, VA
 Architect: VOA Associates, Inc.
 General Contractor: Skanska
 Installer: Irvin Services, Inc.
 Distributor: Weaver's Glass & Building Specialties
 Profile: PAC-1000F Material Column Covers
 Finish: Clear Anodized



PAC-1000 & 2000 SERIES

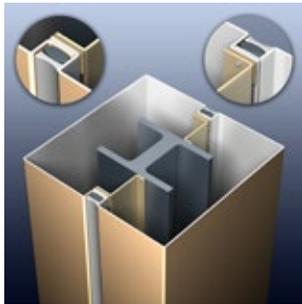
The design of the PAC-1000 and 2000 "F" Series Column Covers allows for a clean, precise installation, revealing a hairline joint. The column sections are assembled using a rivnut/ keyhole system to provide a tight, inconspicuous vertical seam.

The PAC-1000 and 2000 "C" and "R" Series Column Covers are designed to leave a small open vertical reveal where the sections meet. Backer rod and caulk are applied to the vertical reveal joint to complete the installation of the "C" Series Column Cover. For the "R" Series Column, a metal channel filler is fabricated to fit into the vertical joint, and is set in sealant.

Projects may require column or section designs that are not shown here. Column Covers are available in 16 gauge stainless steel and .063-.125 aluminum. Finishes include custom colors, PAC-CLAD colors shown on pages 14-15, plus anodized options and composite material. Petersen's fabrication capabilities offer flexibility and go far beyond what is displayed on this page. Please contact Petersen with fabrication needs.

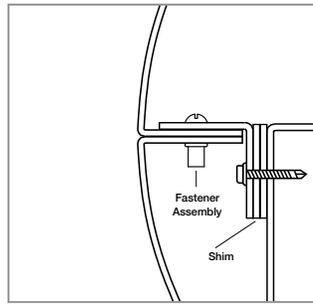
1000 SERIES

- ▶ PAC-1000F (Flush Joint)
- ▶ PAC-1000C (Caulk Joint)
- ▶ PAC-1000R (Reveal Joint)

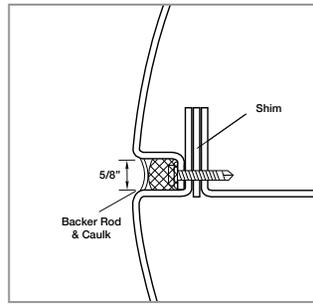


2000 SERIES

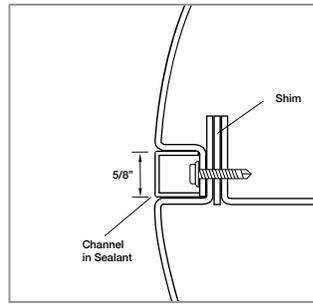
- ▶ PAC-2000F (Flush Joint)
- ▶ PAC-2000C (Caulk Joint)
- ▶ PAC-2000R (Reveal Joint)



FLUSH JOINT



CAULK JOINT



REVEAL JOINT

*NOTE: Consult factory if tighter radius for Reveal or Caulk Joint is required.

ANODIZED ALUMINUM



Sinai Samaritan Hospital, Milwaukee, WI
 Architect: HGA Associates
 General contractor: Gruneau Project Development
 Sheet metal fabricator: Specialty Associates Inc.
 Color: Light Bronze Anodized

PAC 500 BRONZE ANODIZED ALUMINUM

Petersen's PAC 500 anodized finishes include a wide range of architectural bronzes and black. A complete range of bronze shades and black can be achieved. PAC 500 is highly resistant to ultraviolet light. With anodized finishes, a color variance is to be expected from batch to batch, so please order enough sheet or coil to complete a project.

PAC 300 CLEAR ANODIZED ALUMINUM

PAC 300 clear anodized aluminum consists of anodized-quality 5005-H34 aluminum sheet, giving a .0003 thick clear anodized coating. Coil anodizing allows for exceptional control over uniformity of appearance. PAC 300 anodized aluminum is stocked in gauges .032-.125.

	.032	.040	.050	.063	.080	.125
PAC 500						
CHAMPAGNE	✓	✓	✓	✓		
LIGHT BRONZE	✓	✓	✓	✓		
MEDIUM BRONZE	✓	✓	✓	✓		
DARK BRONZE	✓	✓	✓	✓	✓	
BLACK		✓	✓	✓	✓	✓
PAC 300						
CLEAR	✓	✓	✓	✓	✓	✓

COIL AND FLAT SHEET



In addition to offering the industry's widest selection of 70% PVDF finishes in steel and aluminum, Petersen also provides mill finish sheet and coil in a variety of gauges and widths. Stock includes 5005-H34, as well as 3105 H24, in gauges .032 to .125 for all applications that require fabrication and post-finishing. With its state-of-the-art, cut-to-length and slitting equipment, Petersen can provide flat sheet and coil to exact specifications.

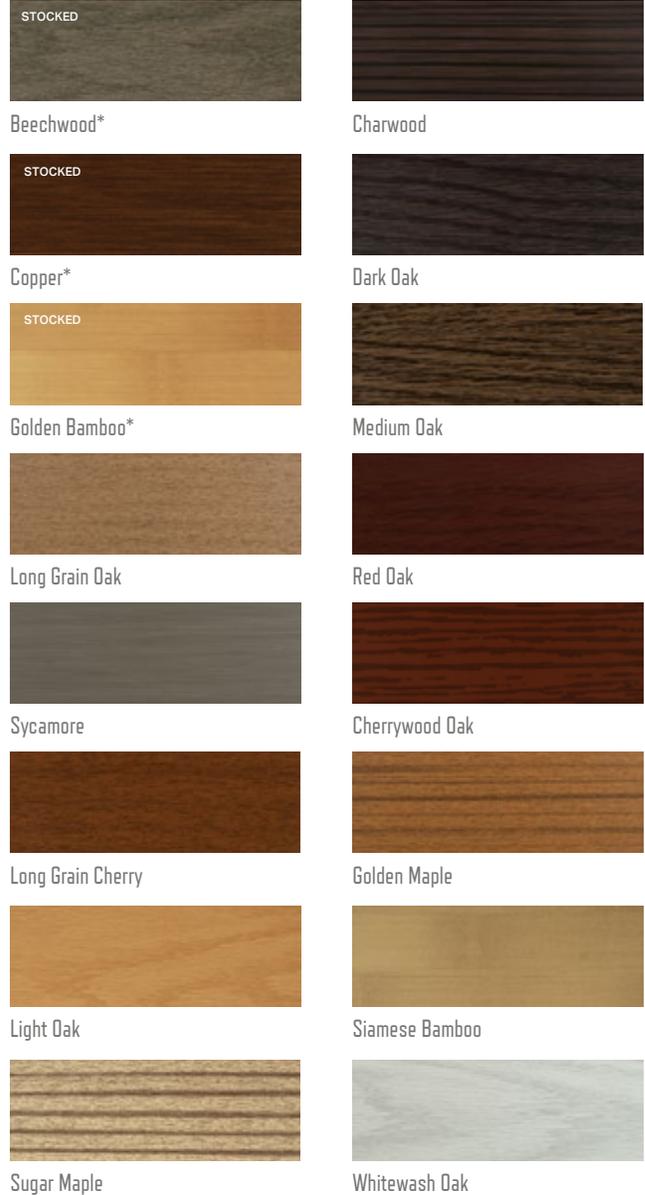
PVDF WOOD GRAIN FINISHES



When the performance of metal is required but the look of wood is desired, Petersen's wood grain textures are ready to dazzle. Petersen's PAC-CLAD wood grain patterns will convince the casual observer that metal is actually wood. A lineup of 16 wood grain patterns ensures creative design and flexibility and can deliver a finishing touch to any project.

PAC-CLAD PVDF wood grain finishes combine the beauty of wood with the durability of metal. The patterns are nearly indistinguishable from actual wood, and they provide architects and designers with creative flexibility on highly functional surfaces. Wood grain finishes are available on all PAC-CLAD wall panels. Not all colors are stocked, so consult PAC-CLAD representative to discuss warranty, lead time and related issues.

Photo above:
 AE Urbia Offices, South Jordan, UT
 Architect: AE Urbia
 Color: Light Oak



PRODUCT FEATURES

- ▶ Steel: 22 gauge, 24* gauge
- ▶ Aluminum: .032, .040, .050
- ▶ Coil available only in 36.25" width
- ▶ **Colors above marked with an * are stocked in 24 gauge steel. All other colors and gauges are available, but with extended lead times.**

PAC-CLAD[®] COLOR CHART

TRIM

PAC-CLAD products are available in prime quality aluminum (.032 - .063), 24 and 22 gauge Galvalume steel, finished with a 70% PVDF finish on the top side, with a washcoat on the bottom. Other metals available include mill finish aluminum, stainless steel, Galvalume Plus and anodized aluminum.

A strippable vinyl film can be applied to coil, flat sheet or fabricated parts to protect painted surfaces. Vinyl masking is recommended where extra handling is expected. NOTE: Vinyl film must be removed immediately after installation.

FINISH WARRANTY

Life expectancy is 30 years-plus on 70% PVDF-finished materials. A 30-year, non-prorated finish warranty covering color fade, chalking and film integrity is available at no extra charge. Warranty for Weathered Steel and Weathered Copper does not cover fade. Warranty for Cardinal Red and Award Blue is 10 years for fade and 20 years for chalking and adhesion.

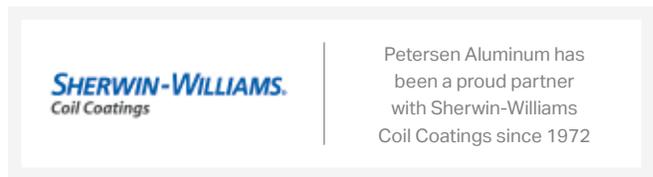
PREMIUM COLORS

Petersen's premium colors include several metallic finishes, plus two two-coat Weathered Steel and Weathered Copper finishes. These colors are ideal for all building envelope applications. A PAC-CLAD 30-year, non-prorated finish warranty applies.

COMMITMENT TO SUSTAINABILITY

PAC-CLAD products provide unmatched aesthetics and performance, plus an element of sustainability. Where possible, Petersen products include a high percentage of recycled material, which lowers their environmental footprint. Additionally, PAC products are 100% recyclable which may reduce the stream of solid waste to landfills.

Petersen also offers the industry's widest range of 46 standard colors, most of which feature outstanding SRI (Solar Reflectance Index) values for improved cooling and energy savings performance. Petersen offers 35 finishes that are rated by the Cool Roof Ratings Council and 31 colors that are Energy Star[®]-approved. In addition, 35 PAC-CLAD finishes have an SRI of 29 or higher for steep slope roofs, to allow a building to qualify for credits in the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Green Building Rating System.



NOTE: Colors below are not exact representations of actual PAC-CLAD colors. Ask a PAC representative for a color-chip chart or painted metal samples before making final color selection.

STANDARD COLORS



* Denotes PAC-CLAD Cool Color

PREMIUM COLORS



PAC-CLAD® COLOR AVAILABILITY

PAC-CLAD STANDARD COLORS	REFLECTIVITY	EMISSIVITY	3 YEAR EXPOSURE	SRI	STEEL		ALUMINUM				20-IN. COIL		ENERGY STAR
					24 GA.	22 GA.	.032	.040	.050	.063	24 GA.	.032	
AGED BRONZE	0.29	0.87	0.27	29	✓								
ALMOND	0.56	0.86	0.55	65	✓	✓	✓	✓	✓		✓		★
ARCADIA GREEN	0.29	0.87	0.29	29	✓		✓						★
AWARD BLUE***	0.24	0.86	0.23	22	✓		✓		✓				
BERKSHIRE BLUE*	0.30	0.87	0.27	31	✓								
BLACK ALUMINUM**	0.04	0.89	0.04	-2			✓	✓	✓	✓			
BONE WHITE	0.70	0.86	0.69	85	✓	✓	✓	✓	✓	✓	✓	✓	★
BURGUNDY	0.14	0.85	0.13	9	✓		✓		✓				
BURNISHED SLATE	0.32	0.87	0.31	33	✓								
CARDINAL RED***	0.44	0.86	0.44	49	✓		✓		✓				★
CHARCOAL	0.30	0.86	0.30	30	✓		✓	✓	✓		✓	✓	★
CITYSCAPE	0.49	0.86	0.50	56	✓	✓	✓	✓	✓		✓	✓	★
COLONIAL RED	0.31	0.86	0.31	31	✓		✓	✓	✓				★
DARK BRONZE	0.29	0.86	0.29	29	✓	✓	✓	✓	✓	✓	✓	✓	★
EVERGREEN	0.28	0.86	0.26	27	✓		✓						★
FOREST GREEN	0.10	0.86	0.10	4	✓	✓	✓	✓	✓				
GRANITE*	0.33	0.87	N/A	34	✓	✓	✓	✓	✓				★
GRAPHITE	0.29	0.87	0.28	29	✓		✓	✓	✓				
HARTFORD GREEN	0.08	0.88	0.08	3	✓		✓	✓	✓				
HEMLOCK GREEN	0.31	0.87	0.30	32	✓		✓		✓				★
HUNTER GREEN	0.28	0.86	0.27	27	✓		✓						★
INTERSTATE BLUE	0.16	0.87	0.15	12	✓		✓		✓				
MANSARD BROWN	0.31	0.86	0.31	31	✓	✓	✓	✓	✓				★
MATTE BLACK STEEL**	0.26	0.86	0.25	25	✓	✓					✓		
MEDIUM BRONZE	0.30	0.87	0.29	31	✓	✓	✓	✓	✓	✓	✓	✓	★
MIDNIGHT BRONZE	0.06	0.87	0.06	0	✓			✓					
MILITARY BLUE	0.31	0.86	0.30	31	✓		✓						★
MUSKET GRAY	0.32	0.86	0.31	33	✓	✓	✓		✓				★
PATINA GREEN	0.33	0.86	0.32	34	✓		✓						★
SANDSTONE	0.48	0.86	0.48	54	✓	✓	✓	✓	✓	✓	✓	✓	★
SIERRA TAN	0.32	0.82	0.31	31	✓	✓	✓	✓	✓		✓		★
SLATE BLUE	0.28	0.86	0.27	27	✓		✓						★
SLATE GRAY	0.38	0.86	0.37	41	✓	✓	✓	✓	✓		✓	✓	★
STONE WHITE	0.69	0.86	0.67	84	✓	✓	✓	✓	✓	✓	✓	✓	★
TEAL	0.32	0.86	0.32	33	✓		✓						★
TERRA COTTA	0.34	0.87	0.33	36	✓		✓		✓		✓	✓	★
PAC-CLAD PREMIUM COLORS													
AGED COPPER	0.55	0.80	0.53	62	✓		✓						★
ANODIC CLEAR	0.32	0.83	0.31	31				✓					
CHAMPAGNE	0.50	0.85	0.49	57	✓		✓	✓	✓				★
COPPER PENNY	0.52	0.81	0.52	58	✓		✓	✓	✓		✓		★
SILVER	0.47	0.87	0.46	53	✓	✓	✓	✓	✓		✓	✓	★
SILVERSMITH	0.32	0.88	0.32	34				✓					
WEATHERED COPPER	0.45	0.88	N/A	51	✓								
WEATHERED STEEL	0.32	0.89	N/A	34	✓								
WEATHERED ZINC	0.48	0.82	0.46	53	✓	✓	✓		✓				★
ZINC	0.42	0.82	0.38	45	✓		✓	✓	✓				★
CLEAR-COAT ACRYLIC FINISH (NON-KYNAR)													
GALVALUME PLUS	0.68	0.14	0.55	57	✓	✓					✓		★

PAC-CLAD Premium finishes are available from stock at a moderate extra cost. PAC-CLAD Copper Penny is a Non-Weathering finish. Solar Reflectance Index calculated according to ASTM E-1980.
 *Low Gloss/Low Sheen, 70% PVDF finish ** Appearance differs for Black Aluminum and Matte Black Steel *** 10-year finish warranty

ENERGY STAR PERFORMANCE CRITERIA:

Emissivity uses ASTM C1371 Reflectivity uses ASTM C1549.

TECHNICAL DATA FOR KYNAR 500/HYLAR 5000 COATING:

- ▶ South Florida Exposure: Color (ASTM D 2244) - No more than 5ΔE Hunter units at 20 years; Chalk (ASTM D 4214) - Rating no less than 8 at 20 years; Film integrity - 20 years.
- ▶ Accelerated Weathering (ASTM D 4587, ASTM G 154): 5000 Hours; Chalk, per ASTM D 4214, rating of 6 or better; Color, per ASTM D 2244, < 5ΔE (Hunter Units) color change.

- ▶ Humidity Resistance (ASTM D 2247): Galvalume or HDG, 100% RH, 2000 hours - No field blisters; Aluminum, 100% RH, 3000 hours - No field blisters
- ▶ Salt Spray Resistance (ASTM B 117): Aluminum, 3000 hours, Galvalume or HDG, 1000 hours - Creep from scribe no more than 1/16", no field blisters
- ▶ Chemical/Acid Pollution Resistance (ASTM D 1308): Pass
- ▶ T-Bend (ASTM D 4145): 1T - 3T with no loss of adhesion
- ▶ Pencil hardness (ASTM D 3363): HB - 2H
- ▶ Specular Gloss (ASTM D 523) @ 60 degrees: Typical - 20 - 35

- ▶ Abrasion Resistance (ASTM D 968): 67 +/- 10 liters
- ▶ Cross Hatch Adhesion (ASTM D 3359): No loss of adhesion
- ▶ Reverse Impact (ASTM D 2794): Galvalume or HDG, 2x metal thickness inch-pounds, no loss of adhesion; Aluminum, 1.5x metal thickness inch-pounds, no loss of adhesion
- ▶ Flame Test (ASTM E 84): Class A Coating



IMG Academy, Bradenton, FL
 Installing contractor: Sutter Roofing Co.
 Architect: Fawley-Bryant
 General contractor: Tandem Construction
 Distributor: ABC Supply
 Profiles: Highline S1
 Colors: Cityscape, Musket Gray



Marist High School, Atlanta
 Architect: S/L/A/M Collaborative
 Installing contractor: SECO Architectural Systems
 Profile: M-36 Panels
 Color: Silver Metallic

PETERSEN'S FULL LINE OF PAC-CLAD PRODUCTS INCLUDES:

- > STANDING SEAM METAL ROOFING

- > PRECISION SERIES WALL PANELS

- > FLUSH PANELS

- > EXPOSED FASTENER PANELS

- > FASCIA AND COPING SYSTEMS

- > SOFFIT PANELS

- > COIL AND FLAT SHEET



HQ: 1005 Tonne Road
 Elk Grove Village, IL 60007
 P: 800-PAC-CLAD
 F: 800-722-7150

9060 Junction Drive
 Annapolis Junction, MD 20701
 P: 800-344-1400
 F: 301-953-7627

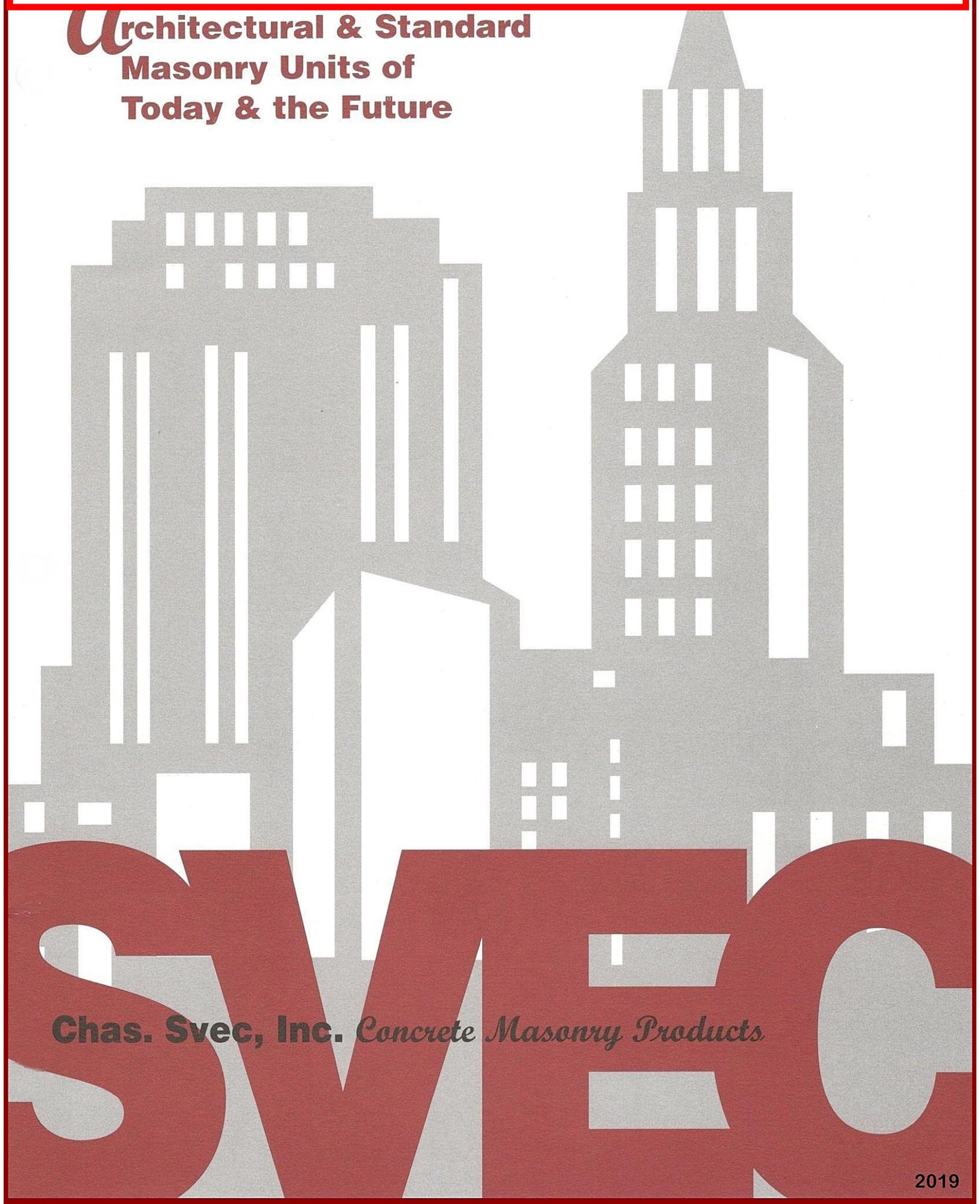
10551 PAC Road
 Tyler, TX 75707
 P: 800-441-8661
 F: 903-581-8592

102 Northpoint Parkway
 Acworth, GA 30102
 P: 800-272-4482
 F: 770-420-2533

1800 S. 7th Ave., Suite 130
 Phoenix, AZ 85007
 P: 833-750-1935
 F: 602-254-6504

1885 Station Parkway NW, Suite B
 Andover, MN 55304
 P: 877-571-2025
 F: 866-901-2935

**Architectural & Standard
Masonry Units of
Today & the Future**



SVECO

Chas. Svec, Inc. *Concrete Masonry Products*

Since the early 1900's **Chas. Svec, Inc.** has been serving the concrete masonry industry. **Chas. Svec, Inc.** is recognized in the industry for its large product line, featuring various sizes, shapes, and colors. Concrete Block are known for their load bearing capacity, structural capacity, low maintenance, dependability, and local availability.

Chas. Svec, Inc. offers concrete block that are fire resistant, sound absorbent, cost effective, and still gives the architect, and builder the design flexibility they need. Along with these valuable characteristics, we understand the importance of insulation and water repellent capabilities.

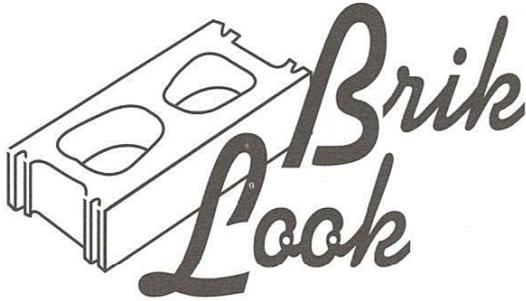
Chas. Svec, Inc. is continually striving for excellence in meeting your needs for concrete masonry units through **Quality, Service, and Dependability.** We hope our catalog helps you when specifying your next project. Please call us with any questions or comments you might have.

We are at your service at all times.
Chas. Svec, Inc.

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DESIGNER BLENDS by Chas. Svec, Inc.

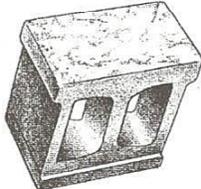
Introducing a new look!

Brik Look is our half-high concrete block which is integrally blended to create the appearance of a face brick. Chas. Svec, Inc. offers unique color blends available in 4", 8", and 12" units.

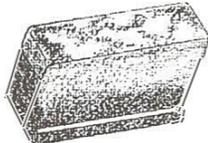
Brik Look units help to meet today's building requirements. Required structural energy codes can be achieved through the placement of rebar, grout or insulation in the hollow cores.

Econ-O-Wall

*An Economical Retaining Wall System
Product Profile*



Econ-O-Wall



Econ-O-Wall II



Econ-O-Paver

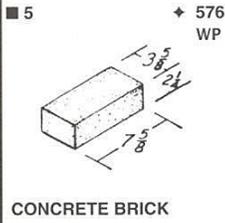
Dimensions:	Depth 12" (11-5/8") Height 8" (7-5/8") Length 16" (15-5/8")	8" (7-5/8") 4" (3-5/8") 16" (15-5/8")	2" (1-5/8") 8" 16" (15-5/8")
Coverage:	0.89 sq. ft./unit:	0.44 sq. ft./unit	0.89 sq. ft./unit
Unit weight:	56 lbs. Varies with location	35 lbs.	14 lbs.
Wall weight filled:	94 lbs.	36 lbs.	
Set-back/course:	1"	7/8"	Stocked in Various Colors
Minimum radius:	8'5"	8'5"	
CAP UNITS:		INCLUDED IN CUBE	
Dimensions:	Depth (11-5/8") Height (3-5/8") Length (15-5/8")		
Coverage:	0.45 sq. ft.		
Unit weight:	51 lbs.		
CORNER UNITS AVAILABLE			
Dimensions:	8 x 8 x 16	8 x 4 x 16	
Weight:	49 lbs.	24 lbs.	

PLEASE NOTE

Econ-O-Wall is a tapered unit. The back faceshell is 14" (13-5/8").
Econ-O-Wall II is a solid straight unit.

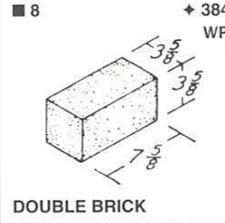
Material: Normal weight concrete >130 lbs/cu. ft. • **Compressive Strength:** >5000 psi (net area) • **Absorption:** 4-7%

BRICK



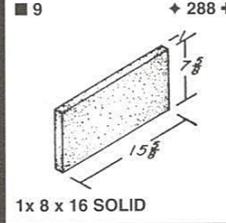
CONCRETE BRICK

STATE APPROVED BRICK

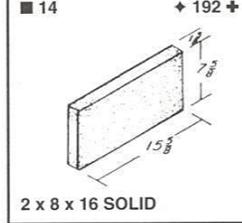


DOUBLE BRICK

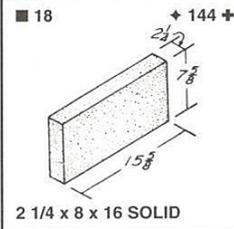
ROCKLITE



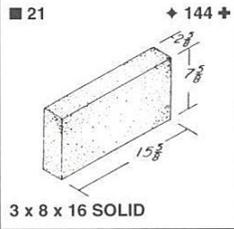
1x 8 x 16 SOLID



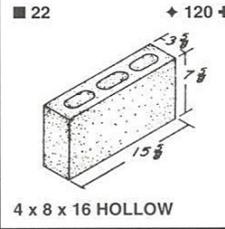
2 x 8 x 16 SOLID



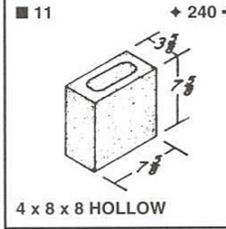
2 1/4 x 8 x 16 SOLID



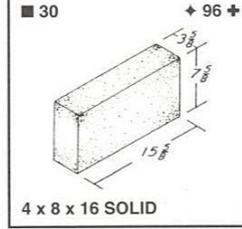
3 x 8 x 16 SOLID



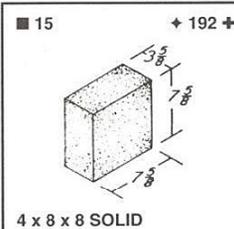
4 x 8 x 16 HOLLOW



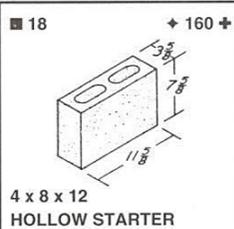
4 x 8 x 8 HOLLOW



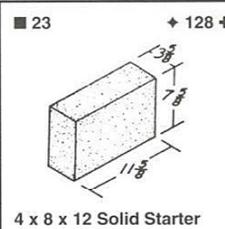
4 x 8 x 16 SOLID



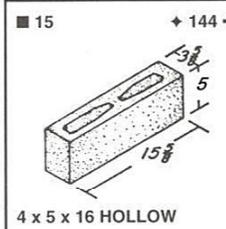
4 x 8 x 8 SOLID



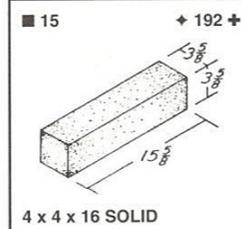
4 x 8 x 12 HOLLOW STARTER



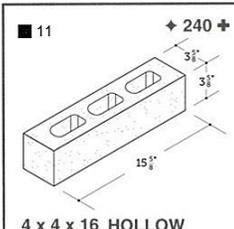
4 x 8 x 12 Solid Starter



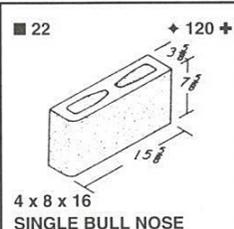
4 x 5 x 16 HOLLOW



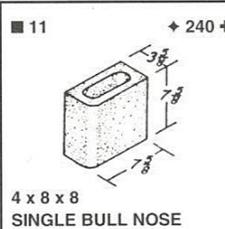
4 x 4 x 16 SOLID



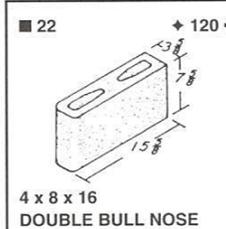
4 x 4 x 16 HOLLOW



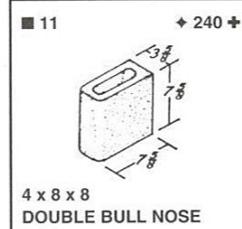
4 x 8 x 16 SINGLE BULL NOSE



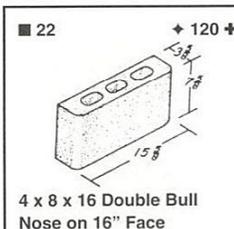
4 x 8 x 8 SINGLE BULL NOSE



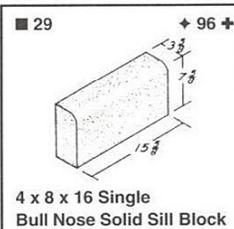
4 x 8 x 16 DOUBLE BULL NOSE



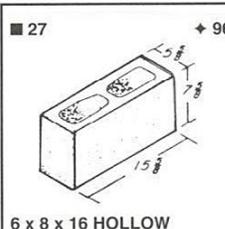
4 x 8 x 8 DOUBLE BULL NOSE



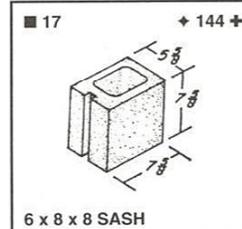
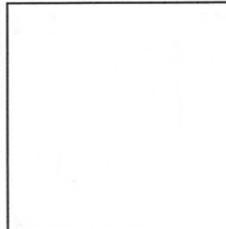
4 x 8 x 16 Double Bull Nose on 16" Face



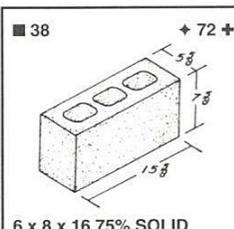
4 x 8 x 16 Single Bull Nose Solid Sill Block



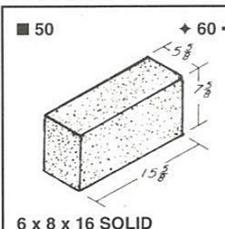
6 x 8 x 16 HOLLOW



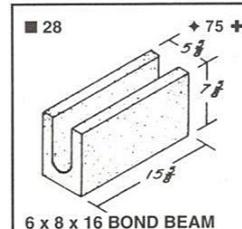
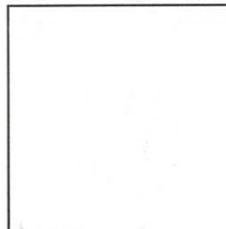
6 x 8 x 8 SASH



6 x 8 x 16 75% SOLID



6 x 8 x 16 SOLID

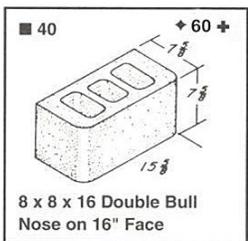
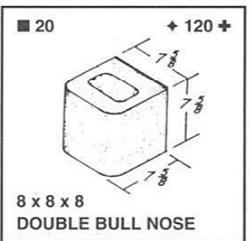
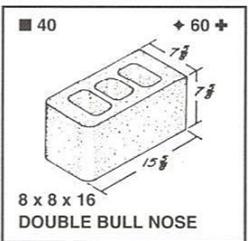
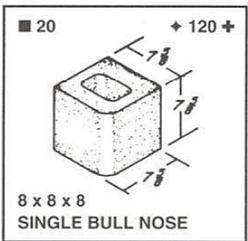
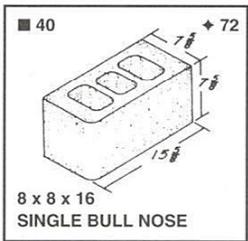
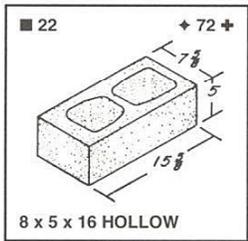
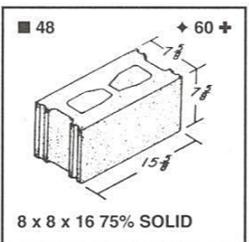
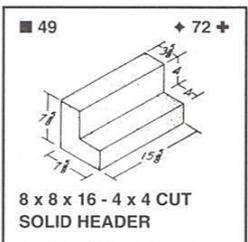
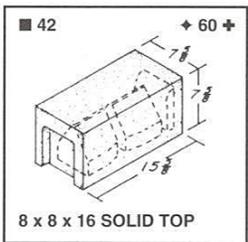
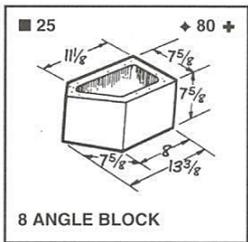
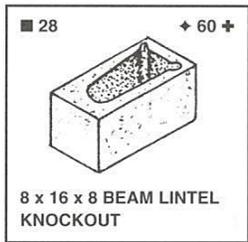
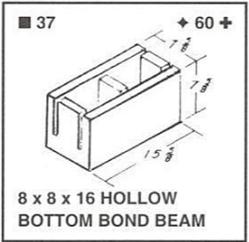
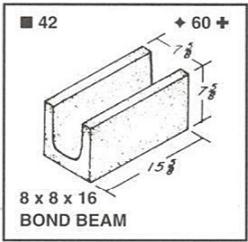
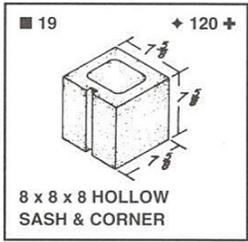
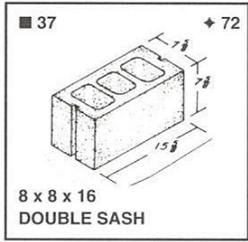
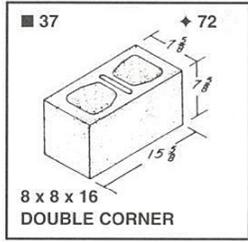
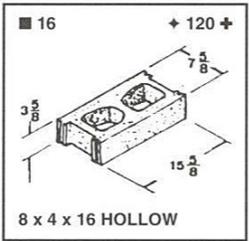
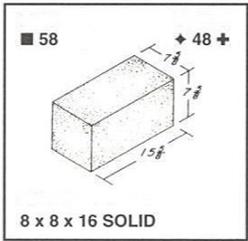
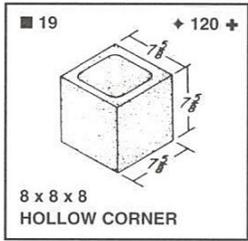
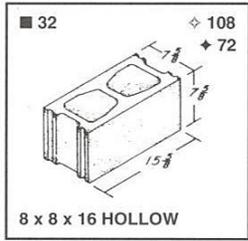
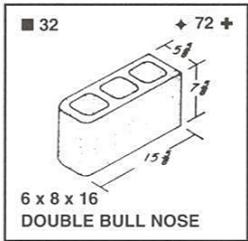
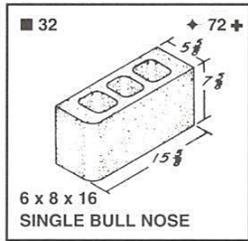
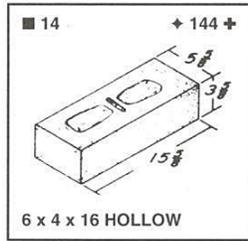


6 x 8 x 16 BOND BEAM

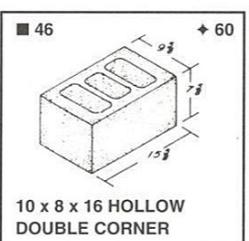
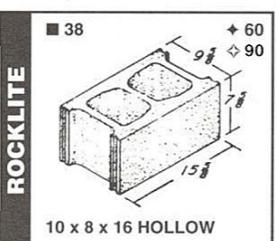
■ Approximate weight for Rocklite Slag Units For Lightweight units subtract approximately 15% from slag weights.

NOTE: All weights are approximate and vary considerably at times due to varying weather and material conditions.

WP = West Pallets

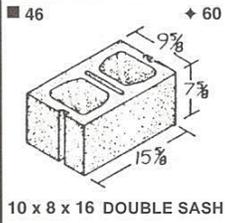


New
a **SVEC** *B* **rik** *S* **eries**
OUR SMOOTH RANGE COLLECTION

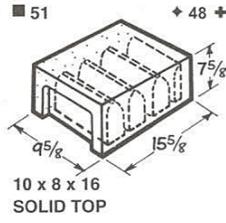


★ = 1/3 Per Cube ● = 1/2 Per Cube ♦ = Amount in West Cube + = 8" Bottom in Cube
◇ = Amount in Regular Cube ■ = Approximate weight of Rocklite Units

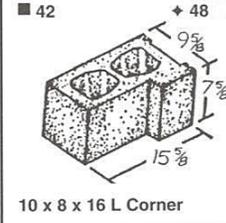
ROCKLITE



10 x 8 x 16 DOUBLE SASH



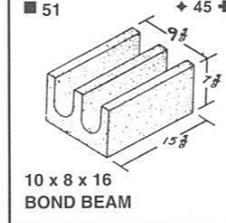
10 x 8 x 16 SOLID TOP



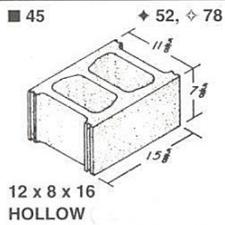
10 x 8 x 16 L Corner



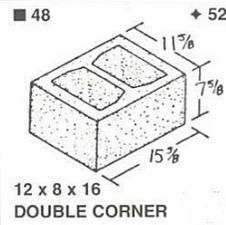
10 x 8 x 16 SINGLE BULL NOSE



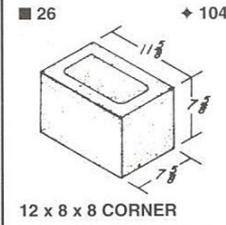
10 x 8 x 16 BOND BEAM



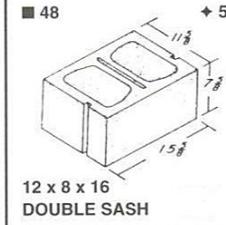
12 x 8 x 16 HOLLOW



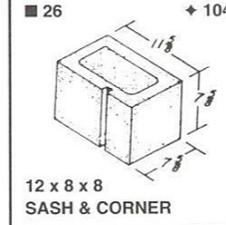
12 x 8 x 16 DOUBLE CORNER



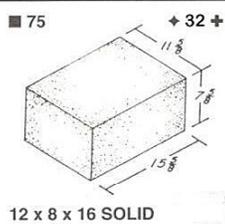
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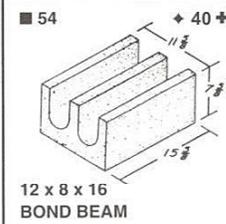
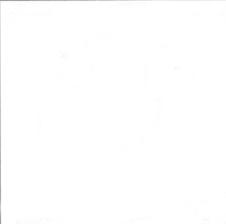
12 x 8 x 16 DOUBLE SASH



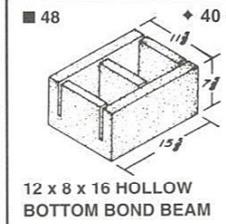
12 x 8 x 8 SASH & CORNER



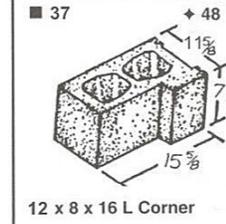
12 x 8 x 16 SOLID



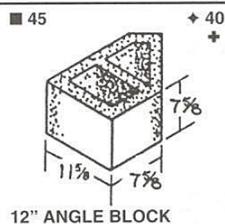
12 x 8 x 16 BOND BEAM



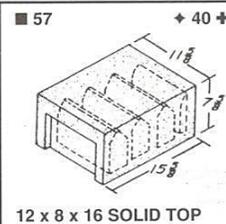
12 x 8 x 16 HOLLOW BOTTOM BOND BEAM



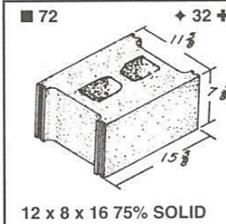
12 x 8 x 16 L Corner



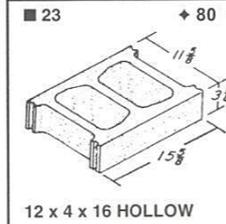
12" ANGLE BLOCK



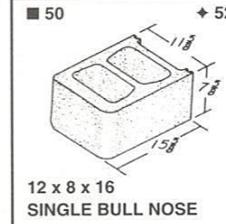
12 x 8 x 16 SOLID TOP



12 x 8 x 16 75% SOLID



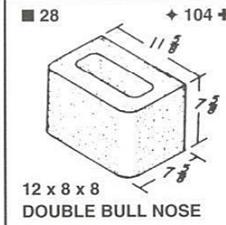
12 x 4 x 16 HOLLOW



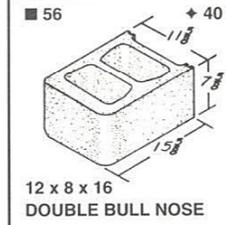
12 x 8 x 16 SINGLE BULL NOSE



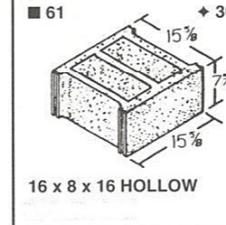
12 x 8 x 8 SINGLE BULL NOSE



12 x 8 x 8 DOUBLE BULL NOSE

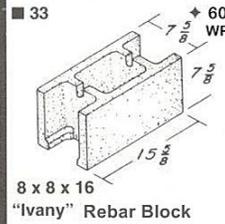


12 x 8 x 16 DOUBLE BULL NOSE

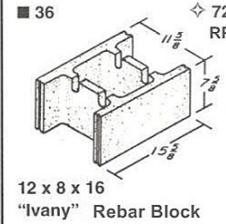


16 x 8 x 16 HOLLOW

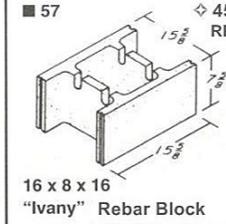
IVANY



8 x 8 x 16 "Ivany" Rebar Block

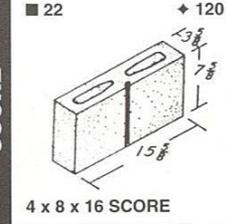


12 x 8 x 16 "Ivany" Rebar Block

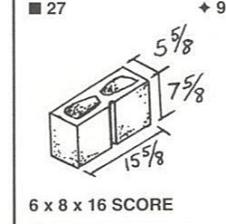


16 x 8 x 16 "Ivany" Rebar Block

SCORE

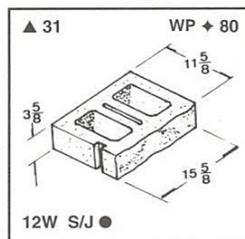
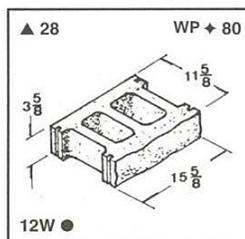
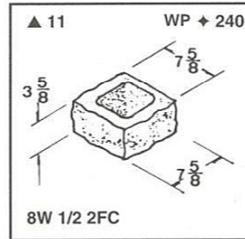
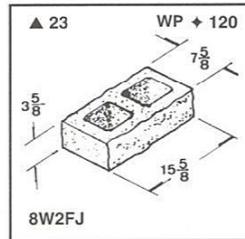
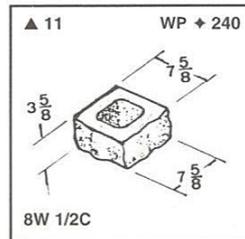
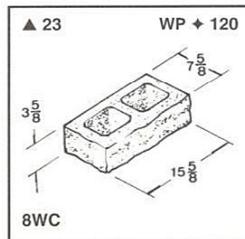
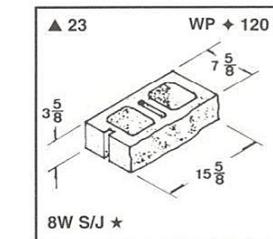
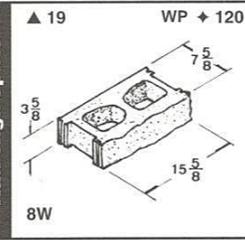
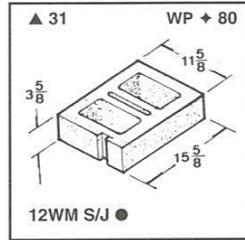
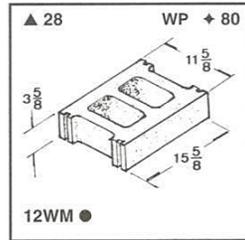
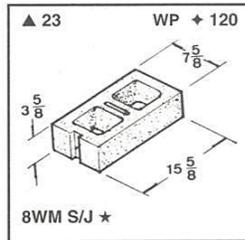
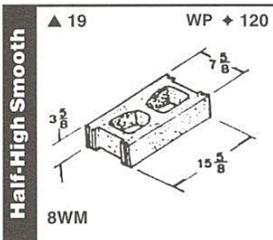
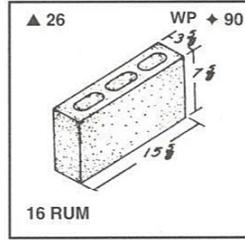
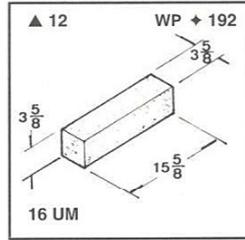
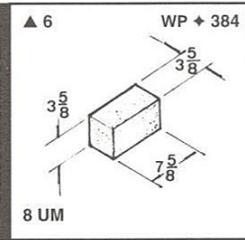
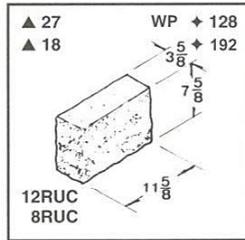
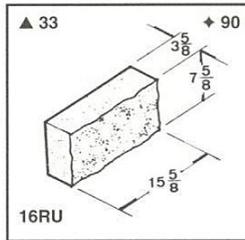
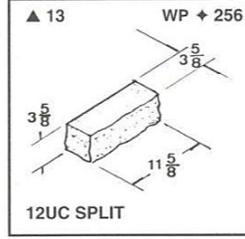
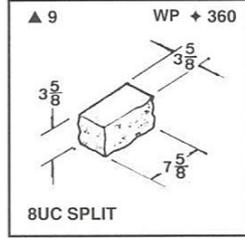
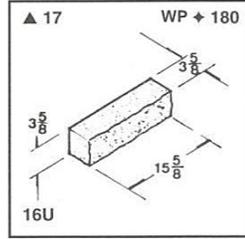
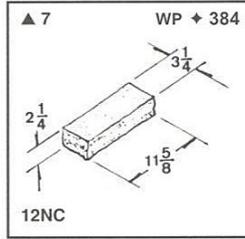
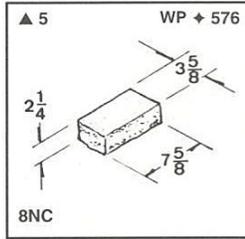
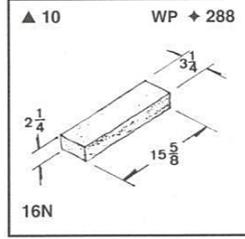
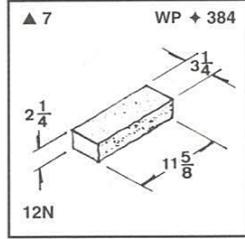
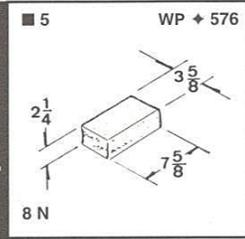
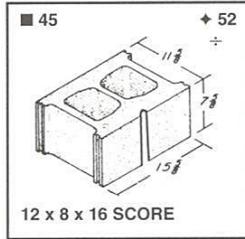
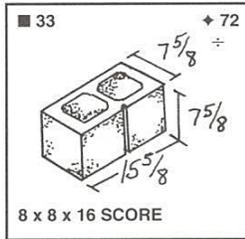


4 x 8 x 16 SCORE



6 x 8 x 16 SCORE

■ Approximate weight for Rocklite Slag Units. For Lightweight units subtract approximately 15% from slag weights.
 NOTE: All weights are approximate and vary considerably at times due to varying weather and material conditions.
 RP = Regular Pallets WP = West Pallets

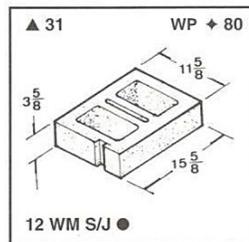
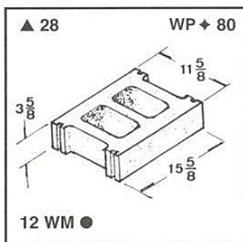
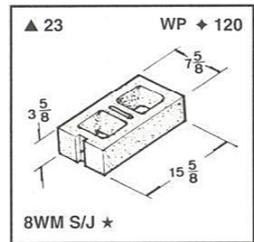
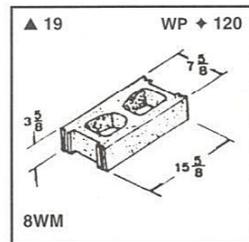
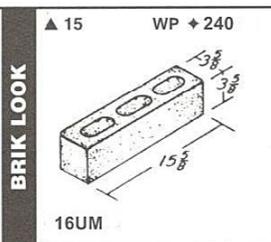
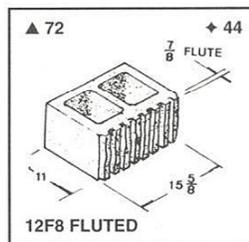
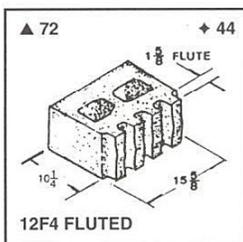
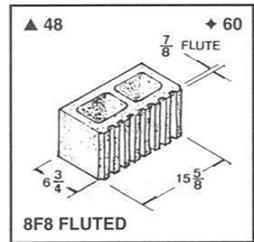
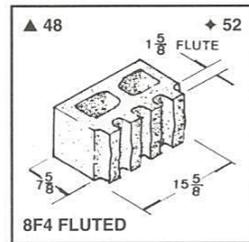
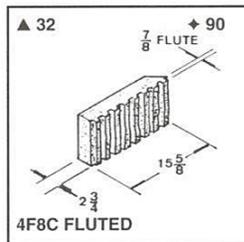
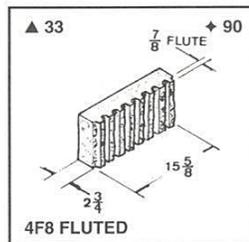
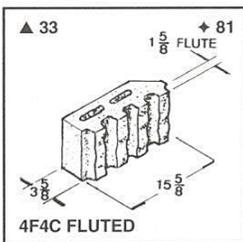
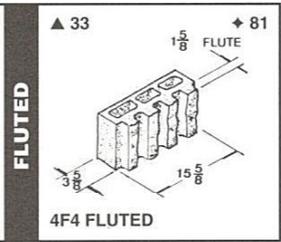
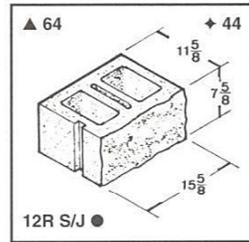
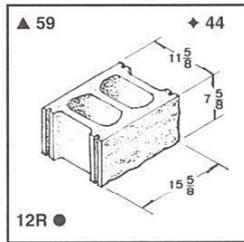
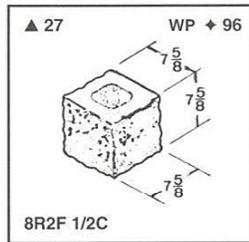
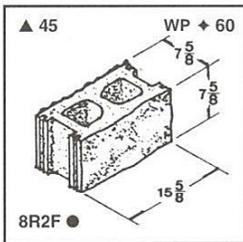
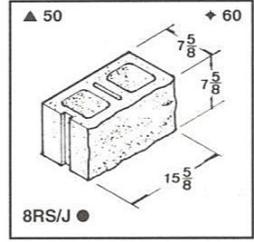
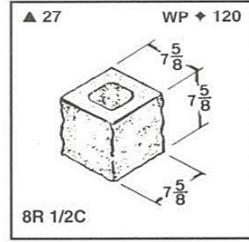
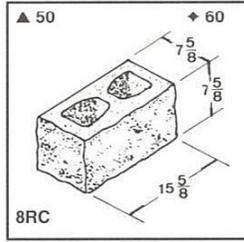
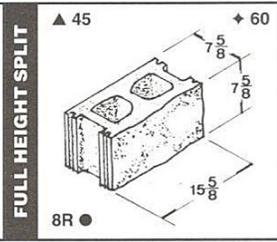
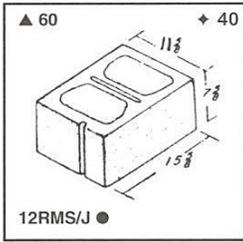
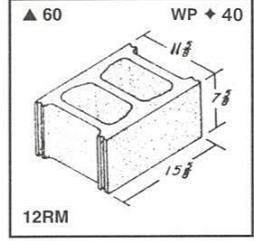
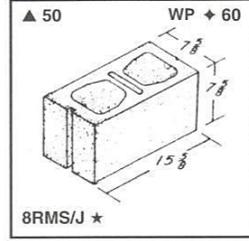
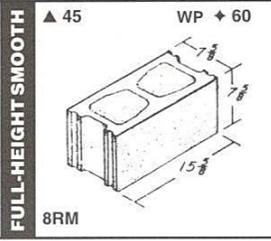
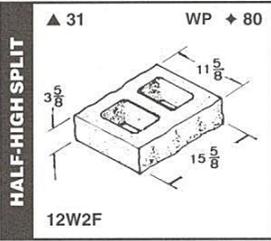


**8" SPLIT
FACE
CONCRETE
BRICK**



**BLENDED
SPLIT FACE
UNITS
NOW
AVAILABLE!**

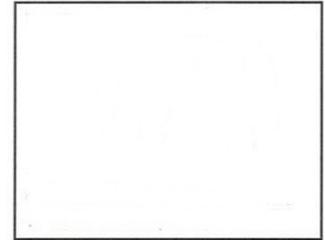
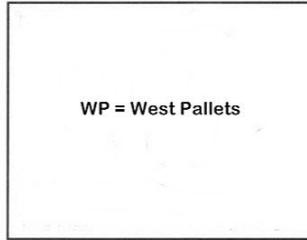
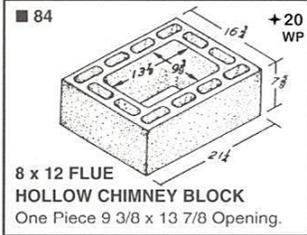
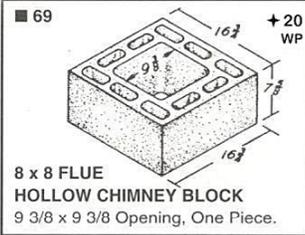
★ = 1/3 Per Cube ● = 1/2 Per Cube ▲ = Approximate Weight of Split Face Series ■ = Approximate weight of Rocklite Units.
÷ = Score available both sides upon request. ◆ = Amount in West Cube ◇ = Amount in Regular Cube + = 8" Bottom in Cube
WP = West Pallets



CUSTOM COLORED
SPLIT AND SMOOTH SCORE
AVAILABLE IN
4" - 6" - 8" and 12" units.
Double and triple scores
available both sides
in selective sizes on request.

★ = 1/3 Per Cube ● = 1/2 Per Cube ♦ = Amount in Cube ÷ = Score available both sides upon request.
▲ = Approximate Weight of Split Face Series. ■ = Approximate weight for Rocklite units. + = 8" Bottom in Cube
WP = West Pallets

CHIMNEY BLOCK



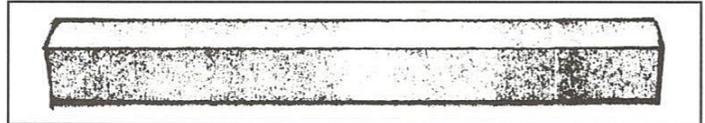
PRE-CAST PRODUCTS

PARKING LOT BUMPER RAILS

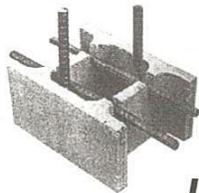


Width - 7 5/8" Height - 6" Length - 72"

ENGINEERED LINTELS (Lightweight)



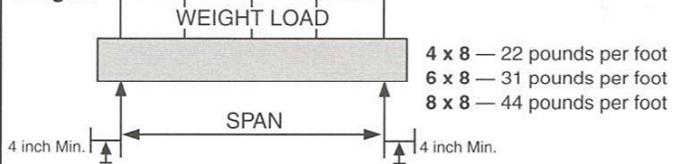
Lintel lengths are made in multiples of 8 From 2' to 12'. We carry 4" - 6" - 8" widths in stock. Lintels are made with 3,000 pound concrete.



*Innovation in
Concrete Masonry*
**THE IVANY®
BLOCK SYSTEM**
Ivany® Open End Block

- Single core — lighter than conventional block.
- Standard Modular Dimensions.
- Special ways to accommodate horizontal reinforcing steel.
- Inner-cell lip assures proper vertical reinforcing steel placement.

Weights



GROUT QUANTITY FOR IVANY BLOCK

- 8" — 11 cubic yards/1000 block — approximately 58% void
- 12" — 20 cubic yards/1000 block — approximately 66% void
- 16" — 27 cubic yards/1000 block — approximately 64% void

GROUT AND FILL CHART

This chart can be used as a guide to estimating the amounts of concrete and poured insulation required to fill the designated units listed below. Calculations do not take any waste factors or unfilled mortar joints into account. Straight wall sections are assumed when using the square foot method.

CONCRETE		INSULATION - 4 CU. FT. BAGS				
UNIT SIZE	#Block Filled By Cu. Yd. Concrete	#Cubic Yds. Per 1000 Block	#Cu. Yds. Per 1000 Sq. Ft. Wall Area	#Block Per Bag	#Bags Per 1000 Block	#Bags Per 1000 Sq. Ft. Wall
6 x 8 x 16H	156	6.5	7.21	23	43.5	49
8 x 8 x 16H	105	9.5	10.7	15.5	64	72
10 x 8 x 16H	82	12.2	13.7	12	82.5	92.5
12 x 8 x 16H	60.5	16.5	18.5	9	99	125

NOMENCLATURE

- W** 4" high units - Assume splitface if no other information.
- R** 8" high units - Assume splitface if no other information.
- F** Fluted Splitface **S/J** Sash/Jamb **H** Hollow
- DS** Designer Series **C** Corner **M** Smooth
- N** 2 1/4" high veneer split **U** 3 5/8" high veneer split
- 2F** Two Face

Examples:

- 12R** 12 x 8 x 16 Splitface
- 8WM** 8 x 4 x 16 Smooth
- 16-U** 3 5/8 x 3 5/8 x 16 Splitface
- 12RUC** 4 x 8 x 12 Splitface Corner or Starter Block
- 8R2F** 8 x 8 x 16 Two Face Split

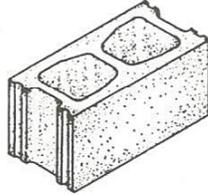
Chas. Svec, Inc. offers:

FIRE RATED CONCRETE BLOCK

Chas. Svec, Inc. produces Fire Rated Concrete Blocks for 2, 3 and 4-hour fire walls and issues certification showing compliance with necessary fire standards.

Call us for information on Fire Resistant concrete masonry units.

HIGH STRENGTH BLOCK



4000 P.S.I.
Block designed for extra load bearing capacity.

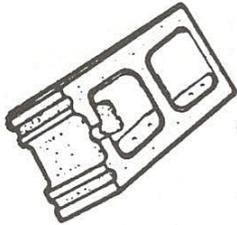
N.C.M.A. has referred to upgrading below grade space with architecturally designed units as:

SMART SPACE

- Basements stretch the buyer's dollar and offer attractive living space.
- The cost of a basement built of concrete masonry is less per square foot than the cost of a poured concrete basement.

Fabri-Core

Fabri-Core inserts save labor costs. Since they arrive on the job already installed, there are no unloading, or delivery costs incurred, as with on-site insulation.



Other labor-saving advantages include:

- No waste or clean up costs.
- Costs are firm—not estimated.
- Allows easy installation of pipes, conduits, etc.
- Provides guaranteed consistent insulation value.

Svec-Gard is a long lasting totally Integral System. It provides water repellency on above grade masonry walls and is purposefully formulated with controlled absorption. This is necessary to achieve water repellency and efflorescence control while maintaining proper bond strength and adhesion to mortars and grouts as well as to paints, stains and caulks.



The **Svec-Gard System** can provide the desirable properties of a cavity wall through a mortar admix along with well tooled mortar joints and using good masonry

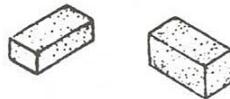
practices. Our water repellent CMU is produced with **Master Builder's MasterPel 240 Admixture** and the mortar is produced with the use of **Master Builder's MasterPel 240 Mortar Admixture**. The most important factor in water repellency is providing *density* in a *Quality Masonry Unit*, this particular feature makes **Svec-Gard** a *Totally Complete System*. (Formaly RHEOPEL PLUS)

The **Svec-Gard System** can provide the desirable properties of a cavity wall through a mortar admix along with well tooled mortar joints and using good masonry practices. Our water repellent CMU is produced with **Master Builder's MasterPel 240 Admixture** and the mortar is produced with the use of **Master Builder's MasterPel 240 Mortar Admixture**. The most important factor in water repellency is providing *density* in a *Quality Masonry Unit*, this particular feature makes **Svec-Gard** a *Totally Complete System*. (Formaly RHEOPEL PLUS)

Econ-O-Wall

An Economical Retaining Wall System

SEWER BRICKS

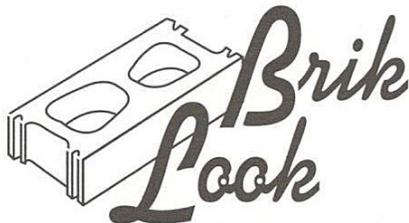


Chas. Svec, Inc. manufactures *Approved* Ohio State Highway Department concrete sewer bricks. We keep our units in stock to assure you prompt delivery to your job site.

A State Certificate for specific jobs can be provided for each load of brick when it is delivered.

Master Builders

Water-Repellent Admixture Systems for Concrete Block and Masonry Mortar



DESIGNER BLENDS by Chas. Svec, Inc.

RESIDENTIAL

Build with Split Face Concrete Brick.

— NOW STOCKING —
8" Brick in Various Blends and Colors.

STANDARD CONDITIONS AND LIMITED WARRANTY

1. Seller warrants that its block meet applicable ASTM standards. If the block does not meet ASTM standards, seller will replace the defective block. SELLER'S AGREEMENT TO REPLACE DEFECTIVE BLOCK IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED, OR STATUTORY.
2. The purchaser has the right to inspect materials at shipping point. Failure to inspect and reject non-conforming material constitutes acceptance. The purchaser must inform the seller in writing within 48-hours of the rejection of any shipment. Failure to reject as provided for in this condition releases seller of any liability whatsoever. Claims for errors or shortage must be made immediately upon receipt of product on job site and BEFORE THE INSTALLATION OF ALLEGED DEFECTIVE MATERIAL INTO THE STRUCTURE.
3. IN THE EVENT THAT COVERED WARRANTY ITEMS ARE NOT REPLACED OR THE DEFECT REMEDIED BY SELLER, SELLER'S LIABILITY SHALL BE LIMITED TO THE COST OF THE BLOCK. SELLER SHALL IN NO EVENT BE LIABLE FOR PURCHASER'S LOST PROFITS, GOODWILL, OR OTHER CONSEQUENTIAL DAMAGES.
4. Any action by purchaser or contractor for breach of this contract must be commenced within one year from the date of last delivery of block.
5. It is the Sellers intent in providing quality units within the delivery dates. Seller shall not be liable for failure to meet delivery dates, or delays in delivery that are occasioned by causes beyond seller's control to include without limitation, strikes, lockouts, fires, embargos, war, riots, insurrections, acts of God, machinery breakdowns, delays of carriers or suppliers, and government acts and regulation.
6. ARCHITECTURALLY DESIGNED CONCRETE PRODUCTS ARE MANUFACTURED BY CAREFULLY CONTROLLED FORMULAS AND PROCEDURES. NATURAL AND MANUFACTURED AGGREGATES, CEMENTS, AND PIGMENTS VARY IN COLOR AND PARTICLE SHAPE. NO GUARANTEE OF SPLIT DEPTH OR COLOR UNIFORMITY IS MADE OR IMPLIED IN MANUFACTURER'S RECOMMENDATIONS.
7. It is the Sole Responsibility of the purchaser in ordering the correct color. Variations in the color of concrete masonry units does and will occur. The seller is NOT responsible for variations in color or variations between samples used to select color and the finished product.
8. Seller recommends that architectural units be taken from four or more cubes at a time to take advantage of the subtle tone variations in the manufacturing process.
9. Proper cleaning of finished walls is a necessity, and is HIGHLY RECOMMENDED to attain a greater degree of color uniformity. We do not recommend muriatic acid as a cleaning agent. The recommended procedure for cleaning is to scrub with clear water shortly after mortar is set. A detergent may be added with proper care. If acid is deemed necessary, we recommend no more than a 3% solution in water. A product such as Sure Kleen 600, or approved equal, as manufactured by Pro So. Co., is recommended for cleaning our units. USE LOW PRESSURE SPRAYING.
10. Chas. Svec, Inc.'s architecturally designed concrete products are made with an integral water repellent system, *Svec-Gard*, which aids in low water absorption, HOWEVER, NO GUARANTEE OF WATER IMPERMEABILITY IS MADE. Buyer can apply a waterproofing agent if desired. Full head and bed joints are essential in the deterence of water penetration.



Manufacturer's Recommended Guide Specifications

Division 4 - Masonry Concrete Masonry Units

A. Standard Units — All hollow load-bearing & solid load-bearing concrete masonry units shall meet or exceed parameters set forth by ASTM C90 as manufactured by **Chas. Svec, Inc.**, 5470 Dunham Road, Maple Heights, Ohio 44137, (216) 662-5200.

B. Architectural Split Face or Smooth Face concrete block masonry units shall be manufactured by **Chas Svec, Inc.**, 5470 Dunham Road, Maple Heights, Ohio 44137, (216) 662-5200.

Type of unit(s) shall be block description (i.e.: 12F8);
colors shall be (i.e. Arctic White).

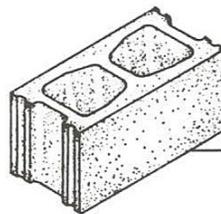
Tips On Ordering Architecturally Designed Units

Today's designers are utilizing the flexibility and beauty of architecturally designed concrete masonry on a regular basis. More is being demanded of the products and installers to satisfy the call to excellence from these designers and their customers.

The following are some tips on the placement of your order:

1. Allow ample time for processing your order. We suggest three to four weeks from the time of placement of the order. Remember that many units need to be split/handled three to four times prior to becoming job-ready.
2. Order all fittings/shapes to be delivered at the beginning of the job. It is desirable to work from one run of fittings to assure better color uniformity.
3. To assure the finest quality with the lowest overall cost, double check your quantities. Since specialty concrete block are customized for each order, we must charge for each unit ordered.
4. Check for changes of colors of units. It is common to have more than one color of the same size unit on the job.
5. Check this shape guide for what units are ready-made. Special shapes not in this catalog may be impractical, if not impossible, to manufacture. Check with our sales department, or your dealer for more information on what can be fabricated.

We are at your service at all times.



Chas. Svec, Inc.

"Rocklite" Concrete Masonry Products

5470 Dunham Road, Maple Heights, Ohio 44137

216 662-5200 FAX: 216 662-5666

Email : block@chassvecinc.com

Branch Plant

1135 Worden Road, Wickliffe, Ohio 44092
(Closed)