

Products

Green Solutions

Five Star

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- [Panel](#)
- [Colors](#)
- [Trims](#)
- [Accessories](#)
- [Drip Prevention](#)
- [Snow Retention](#)

En-Dura Star

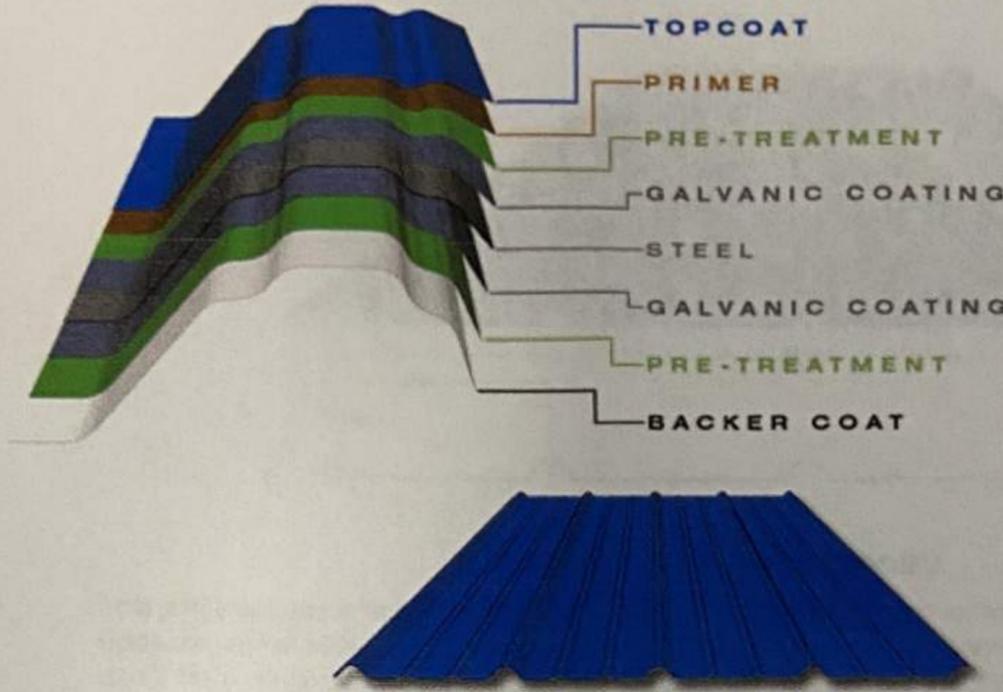
Standing Seam

Custom Trims

Door Accessories

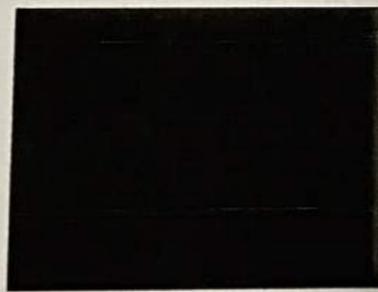
Horse Stalls

Cupulas



Colors

The colors shown will not be an exact representation of the colors North Star offers due to variations in computer monitors. Click on colors below to see larger image. * Denotes Energy Star approved color.



- | | |
|---------------------------------------|---|
| <input type="checkbox"/> White* | <input type="checkbox"/> Blue* |
| <input type="checkbox"/> Polar White* | <input type="checkbox"/> Kelly Green* |
| <input type="checkbox"/> Light Gray* | <input type="checkbox"/> Clay* |
| <input type="checkbox"/> Dark Gray* | <input type="checkbox"/> Bright Red* |
| <input type="checkbox"/> Light Stone* | <input type="checkbox"/> Antique Brown* |
| <input type="checkbox"/> Tan* | <input type="checkbox"/> Burgundy* |
| <input type="checkbox"/> Gallery Blue | <input type="checkbox"/> Copper Penny |
| <input type="checkbox"/> Brown* | <input type="checkbox"/> Black |
| <input type="checkbox"/> Red* | <input type="checkbox"/> Galvalume |
| <input type="checkbox"/> Green* | |

Weather XL

Choose from 18 different colors

Five Star is available in 18 popular colors. Our Weather XL paint system by Valspar uses a new silicone protected polyester coil coating system. The topcoat uses ceramic and inorganic pigments and features Cool Chemistry™ Series Pigments for superior color stability, gloss retention, and optimum solar reflectance. This highly durable two-coat system rivals that of the Kynar® 500 or Hylar® 5000 coatings, while offering improved hardness. This means that your Five Star panel will also have superior resistance to moisture and UV, excellent flexibility, and abrasion resistance.

Five Star Panel features:

18 High-gloss silicone protected colors that provide up to 70% reflection of the sun's rays.

Superior abrasion and scratch resistance

Minimizes chalking and fading by resisting the detrimental effects of the sun's UV rays, rain humidity and weathering.



[Limited Lifetime Warranty](#)

Residential energy tax credit of up to \$500 for [Energy Star Qualified colors](#).

Custom Trims	Five Star	En-Dura Star	Loc Star	Snap Star	NS-18
Door Accessories	Colors	Colors	Colors	Colors	Colors
Horse Stall Systems	Trims	Trims	Trims	Trims	Trims
Cupulas	Accessories	Accessories	Accessories	Accessories	Accessories



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Five Star Panel

Our Most Versatile Panel for Metal Roofing or Siding

Offering an attractive low profile five rib pattern, the Five Star panel is extremely popular. The major ribs have a modest height combined with tapered sides, minimizing shadows over a wide viewing angle. This gives the panel a bright, clean and defined look that is perfect for any application, including not only residential and agricultural, but also industrial and commercial.



>View All Colors

>Panel Features

Metal Roofing and Siding for Any Building Type

Browse our project gallery for ideas on your next building project - home or pole building.



>View project gallery

Pre-Heated Roll Forming at North Star

The Five Star panel is manufactured with pre-heated roll-forming to extend the its lifespan.



>Learn more about pre-heated roll forming

Need a Better Solution for Condensation?

I.C.C. prevents dripping without the need for additional barriers or insulation. Available in Five Star & En-Dura Star.



>Learn about metal roofing with I.C.C

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En-Dura Star

Standing Seam

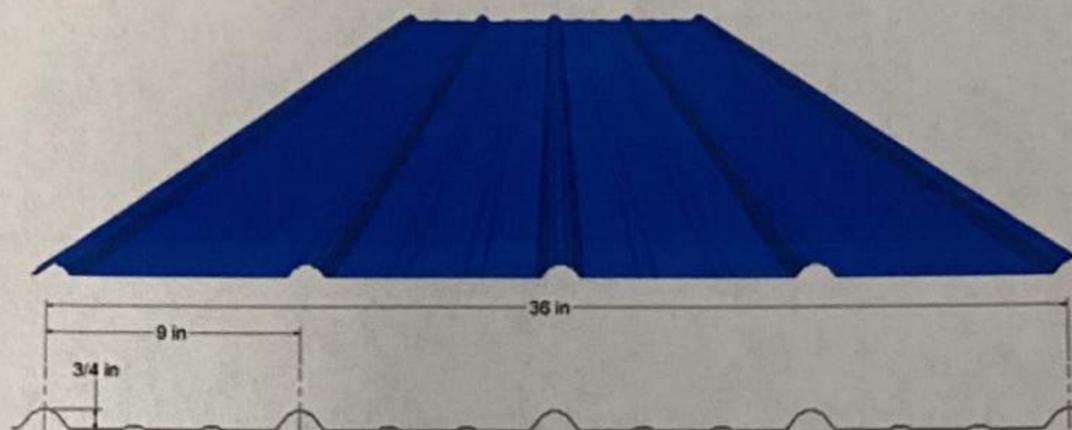
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Five Star Panel Features



Panel Geometry

This panel supports five major ribs with minor stiffener ribs added for improve rigidity and aesthetics. Because of the panel's 38" width and 36" coverage, the Five Star Panel overlaps one rib of the preceding panel for a weather tight seal. One of the most important features of this seal is the Anti-Siphon Cavity in the purlin bearing rib. This prevents capillary action from transferring water to the underside of the panel. This is accomplished by breaking the surface tension that draws water between objects while providing a channel for the water to drain out.

Pre-Heated Roll-Forming

In order to enhance the lifespan of our product, North Star Metals exploits the benefits of pre-heating all roll-formed panels. Pre-heating increases the elasticity of not only the paint and primer, but the zinc alloys in the galvanic coating as well. This increase in elasticity allows coatings to maintain uniform adhesion throughout the roll-forming process. Having found the perfect temperature for roll forming, North Star is able to produce panels that are drastically less susceptible to micro-crazing and the inherent corrosion.

This product is covered by a [Five Star Limited-Lifetime Warranty](#).

Available Five Star Panels

Description			
Type	Thickness	Finish	Warranty
Painted	29 Gauge	Weather XL	Limited Lifetime
Bare	29 Gauge	AZ-55 Galvalume	25 Year
Liner	29 Gauge	White	Non-warr.

Call for 26 gauge & Secondary Galvalume or Painted Panels

Uniform Load Capacity in Pounds Per Square Foot for 29 Gauge Panels

Span (Ft.)	Up-Lift	Live Load
2	156	207
2.6	79	105
3.0	40	61

1. Maximum allowable loads shown are based upon a continuous three span sheet application
2. Calculated in accordance with the 1996 AISI Cold Formed Steel Design Manual.
3. Maximum allowable loads for wind have increased by 33%
4. Allowable deflection loads are limited by a maximum deflection ration of L/180 of span.
5. North Star Metals Mfg. Co. reserves the right to change product specifications with out notice.

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