

# Panel-Loc Plus™

Wall and Roof Panel



## Superior *durability* with an attractive appearance

Panel-Loc Plus gives residential, agricultural, and light commercial projects the protection of steel with an attractive appearance. It features an extra striation on top of the rib to give it superior durability and protection against extreme weather. Panel-Loc Plus is available in 3 qualities: Standard, Prime, and Ultra.

- Engineered with a Siphon Groove to minimize leaks.
- Wide fastening surface for easy application.
- Unique lap groove hides the overlap giving a smooth, clean appearance.



RECOMMENDED  
**2½:12**  
PITCH  
AND ABOVE

**29**  
OR  
**26**  
GAUGE

**36"**  
OVERALL  
COVERAGE

**¾"**  
MAXIMUM  
RIB HEIGHT



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# Choose CentralGuard® for the best protection and a lifetime warranty.

CentralGuard is our specific combination of everything that goes into making the highest-quality metal panels. Available on our Prime and Ultra panels, the CentralGuard name is a guarantee that you have the best protection and a lifetime paint warranty.

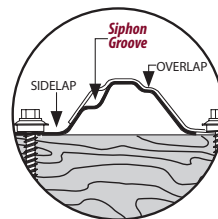
Choose CentralGuard for the perfect balance of fade protection, rust blocking, and dent resistance.

	STANDARD	<b>OUR BEST SELLER!</b> <b>PRIME</b> CentralGuard	<b>ULTRA</b> CentralGuard
<b>FADE PROTECTION</b>			
Paint Warranty	40-YEAR	<b>LIFETIME</b>	<b>LIFETIME</b>
Paint Thickness	THICK .90 mil	<b>THICKER 1.0 mil</b>	<b>THICKER 1.0 mil</b>
Fade Warranty	30-YEAR	30-YEAR	30-YEAR
Fade Protection	✓	✓✓	✓✓
<b>RUST BLOCKING</b>			
Advanced Rust Blocking	-	✓	✓
Perforation Warranty	-	20-YEAR	20-YEAR
Substrate Thickness	1.12 mil	1.60 mil	1.60 mil
<b>DENT RESISTANCE</b>			
Advanced Dent Resistance	-	✓	✓✓
Steel Thickness	THIN	THICK	THICKEST
Steel Gauge	29 ga.	29 ga.	26 ga.

*Panel-Loc Plus features UL2218 approval for impact resistance and may qualify for a homeowners insurance discount. See your local insurance agent for qualifications.*

## Siphon Groove

Panel-Loc Plus has two vertical edges, the overlap and the sidelap. The sidelap edge has a specific bend in the last major rib, called a siphon groove. When the overlap edge is installed on top of the sidelap edge, it creates an air gap that prevents water from wicking under the panel. Panels should be installed with the overlap facing away from the prevailing wind.



Find more information at  
[centralstatesmfg.com](http://centralstatesmfg.com)

## MINIMUM SPECIFICATIONS FOR ULTRA AND PRIME PAINTED PANELS

### GAUGE

Ultra 26 ga. | Prime 29 ga.

### STEEL THICKNESS

Ultra 0.0185" | Prime 0.0150"

### PAINT THICKNESS

Top coat paint: .70 mil  
Top coat primer: .30 mil  
Bottom coat backer: .35 mil  
Bottom coat primer: .35 mil

### TOTAL THICKNESS

Ultra 0.0202" | Prime 0.0167"

### RUST PROTECTANT SUBSTRATE

Galvalume® AZ50

### STEEL STRENGTH

80,000 PSI min

### PAINT SYSTEM

SMP

### WARRANTY

Lifetime limited paint adhesion  
30-yr. chalk and fade  
20-yr. Galvalume perforation

## TESTING & APPROVALS

### TESTING

- TAS 100-95 Wind Driven Rain Test
- TAS 125-03 Uplift Resistance Test, 29 ga. Prime only
- ASTM-E455 Diaphragm Shear Standard Test, 26 ga.
- ASTM-E455 Diaphragm Shear Standard Test, 29 ga.

### APPROVALS

- UL2218 UL Approval, Impact Resistance, Class 4
- UL580 UL Approval, Uplift Resistance, Class 90
- UL790 UL Approval, Fire Resistance, Class A
- RC-325 Texas Windstorm Approval, 29 ga. Over Wood Purlins
- RC-326 Texas Windstorm Approval, 29 ga. Over Decking
- FL14026 Florida Approval, Roof Panel Over 1<sup>5</sup>/<sub>32</sub>" Plywood (HVHZ, Miami-Dade Approved)
- FL14026 Florida Approval, Roof Panel Over 1<sup>5</sup>/<sub>32</sub>" Plywood (NON-HVHZ)
- FL14026 Florida Approval, Panel Over 2x4's (NON-HVHZ)