

# R-Loc™

## Commercial Roof and Wall Panel

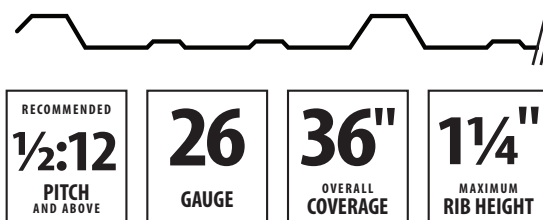


# *Strong and durable, for today's commercial market*


Commonly referred to as PBR-panel, this 26-gauge commercial panel is an outstanding choice for any project that requires commercial-grade performance. R-Loc is designed to maximize the potential of your structure, specifically the steel frame.

With the added purlin bearing leg, R-Loc provides easier installation and a more pleasing appearance.

- Industry standard configuration allows maximum purlin spacing for a cost-effective building.
- Ideal for low-pitch commercial roofs.
- Matching trims and accessories are available.



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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 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.

		THRIFTY	OUR BEST SELLER! <b>PRIME</b> CentralGuard
<b>FADE PROTECTION</b>			
Paint Warranty	20-YEAR		LIFETIME
Paint Thickness	THIN .70 mil		THICK 1.0 mil
Fade Warranty	–		30-YEAR
Fade Protection	✓		✓
<b>RUST BLOCKING</b>			
Advanced Rust Blocking	–		✓
Perforation Warranty	–		50-YEAR
Substrate Thickness	1.12 mil		1.60 mil
<b>DENT RESISTANCE</b>			
Advanced Dent Resistance	–		✓✓
Steel Thickness	THIN		THICK
Steel Gauge	26 ga.		26 ga.
<b>INSTALLATION</b>			
Purlin Bearing Leg	–		✓



Find more information at  
**centralstatesco.com**

## MINIMUM SPECIFICATIONS FOR PRIME PAINTED PANELS

- GAUGE**  
26 ga. | 24 ga.\*
- STEEL THICKNESS**  
26 ga. 0.0185" | 24 ga. 0.023"
- PAINT THICKNESS**  
Top coat paint: .70 mil  
Top coat primer: .30 mil  
Bottom coat backer: .35 mil  
Bottom coat primer: .35 mil
- TOTAL THICKNESS**  
26 ga. 0.0202" | 24 ga. 0.0247"
- RUST PROTECTANT SUBSTRATE**  
Galvalume® AZ50
- STEEL STRENGTH**  
80,000 PSI (26 ga.) | 50,000 PSI (24 ga.)
- PAINT SYSTEM**  
SMP
- WARRANTY**  
Lifetime limited paint adhesion  
30-yr. chalk and fade  
50-yr. Galvalume perforation

## TESTING & APPROVALS

- TESTING**
  - AISI S907 Diaphragm Shear Cantilever Test, 26 ga.
  - ASTM-E455 Diaphragm Shear Standard Test, 26 ga.
  - ASTM-E1592 Structural Test for Roof Systems Over Open Purlin, 26 ga.
  - ASTM-E1592 Structural Test for Roof Systems Over Solid Decking, 26 ga.
  - ASTM-E1646 Water Leakage Test of Exterior Metal Roof Panel, 26 ga.
  - FM4471 Foot Traffic Resistance Test, 26 ga.
- APPROVALS**
  - UL2218 UL Approval, Impact Resistance, Class 4
  - UL580 UL Approval, Uplift Resistance, Class 90
  - UL790 UL Approval, Fire Resistance, Class A
  - RC-424 Texas Windstorm Approval, 26 ga. min. Over Steel Purlins
  - RC-576 Texas Windstorm Approval, 26 ga. min. Over Plywood Deck, OSB Deck, or Wood Purlins
  - FL14024 Florida Approval, Wall Panel 26 ga. min. Over Steel Purlins (NON-HVHZ)
  - FL14016 Florida Approval, Roof Panel 26 ga. min. Over Steel Purlins (NON-HVHZ)
  - FL14026 Florida Approval, Roof Panel 26 ga. min. Over 1½" Plywood (NON-HVHZ)

\* 24 ga. available in Polar and Galvalume, acrylic-coated bare in select plants