

# R-Loc™

## Commercial Roof and Wall Panel

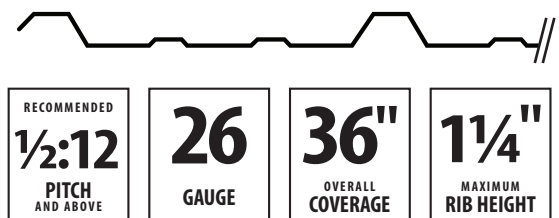


# *Strong and durable, for today's commercial market*

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>			<b>LIFETIME</b>
Paint Warranty	20-YEAR		
Paint Thickness	THIN .70 mil		THICK 1.0 mil
Fade Warranty	–		30-YEAR
Fade Protection	✓		✓✓
<b>RUST BLOCKING</b>			
Advanced Rust Blocking	–		✓
Perforation Warranty	–		20-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  
[centralstatesmfg.com](http://centralstatesmfg.com)

## MINIMUM SPECIFICATIONS FOR PRIME PAINTED PANELS

<b>GAUGE</b>	26 ga.   24 ga.*
<b>STEEL THICKNESS</b>	26 ga. 0.0185"   24 ga. 0.023"
<b>PAINT THICKNESS</b>	Top coat paint: .70 mil Top coat primer: .30 mil Bottom coat backer: .35 mil Bottom coat primer: .35 mil
<b>TOTAL THICKNESS</b>	26 ga. 0.0202"   24 ga. 0.0247"
<b>RUST PROTECTANT SUBSTRATE</b>	Galvalume® AZ50
<b>STEEL STRENGTH</b>	80,000 PSI (26 ga.)   50,000 PSI (24 ga.)
<b>PAINT SYSTEM</b>	SMP
<b>WARRANTY</b>	Lifetime limited paint adhesion 30-yr. chalk and fade 20-yr. Galvalume perforation

## TESTING & APPROVALS

<b>TESTING</b>	
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.
<b>APPROVALS</b>	
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. Over Steel Purlins
RC-576	Texas Windstorm Approval, 26 ga. Over Plywood Deck, OSB Deck, or Wood Purlins
FL14024.1	Florida Approval, Wall Panel Over Open Framing (NON-HVHZ)
FL14016.3	Florida Approval, Roof Panel Over Open Framing (NON-HVHZ)
FL14016.5	Florida Approval, Roof Panel Over 1 <sup>5</sup> / <sub>32</sub> " Plywood (NON-HVHZ)

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