

# R-Loc™

## Commercial Roof and Wall Panel

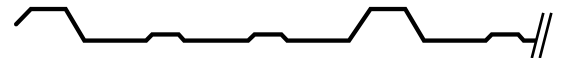


# *Strong and durable, for today's commercial market*

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.



RECOMMENDED <b>1/2:12</b> PITCH AND ABOVE	<b>26</b> GAUGE	<b>36"</b> OVERALL COVERAGE	<b>1 1/4"</b> MAXIMUM RIB HEIGHT
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# Choose CentralGuard<sup>®</sup> 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	<b>OUR BEST SELLER!</b> <b>PRIME</b> CentralGuard
<b>FADE PROTECTION</b>		
Paint Warranty	20-YEAR	<b>LIFETIME</b>
Paint Thickness	THIN .70 mil	THICKER 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

### 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<sup>®</sup> 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  
20-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. Over Steel 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 1/2" Plywood (NON-HVHZ)

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