

# R-Loc™

## Commercial Roof and Wall Panel

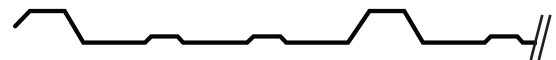


## *Strong and durable, for today's commercial market*

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<br><b>1/2:12</b><br>PITCH<br>AND ABOVE | <b>26</b><br>GAUGE | <b>36"</b><br>OVERALL<br>COVERAGE | <b>1 1/4"</b><br>MAXIMUM<br>RIB HEIGHT |
|--|--------------------|-----------------------------------|--|

# 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      | <b>OUR BEST SELLER!</b><br><b>PRIME</b><br>CentralGuard |
|--------------------------|--------------|---|
| <b>FADE PROTECTION</b>   |              |   |
| Paint Warranty           | 20-YEAR      | <b>LIFETIME</b>   |
| 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       | -            | ✓   |



## 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 1 1/2" Plywood  
(NON-HVHZ)

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