Central Shield™ 150

Standing Seam Roof Panel



Designed for *Beauty*, Engineered for *Performance*

The **Central Shield™ 150** snap-lock standing seam panel delivers the ideal balance of enhanced durability, refined appearance, and simple installation.

This standing seam panel system combines a 1.5-inch rib height with a precision-engineered clip system, providing superior structural integrity, thermal movement capability, and long-term weather resistance. The snap-lock design eliminates the need for field seaming with specialized equipment, resulting in a fast and efficient installation, without compromising performance.

Upgrade to a panel system that combines strength, speed, and style—all in one solution.

- Concealed fastener clip system eliminates exposed fasteners, reducing leak risk.
- Fixed clip system allows the panel to expand and contract naturally with temperature changes, reducing stress on the roof system and minimizing oil canning caused by thermal changes.
- Raised 1.5-inch seams provide excellent water-shedding performance.
- Designed for durability in high wind, rain, and seasonal conditions.
- Manufactured from high-quality 26 gauge and 24 gauge steel with some of the highest steel quality specifications in the industry.
- SMP and Fluropon/Kynar 500/70% PVDF paint options from industry leader **Sherwin Williams.**



2:12	24 OR 26	16"	1½"
PITCH AND ABOVE	GAUGE	OVERALL COVERAGE	MAXIMUM RIB HEIGHT

CENTRAL STATES MANUFACTURING, INC.
METAL BUILDING COMPONENTS

centralstatesco.com

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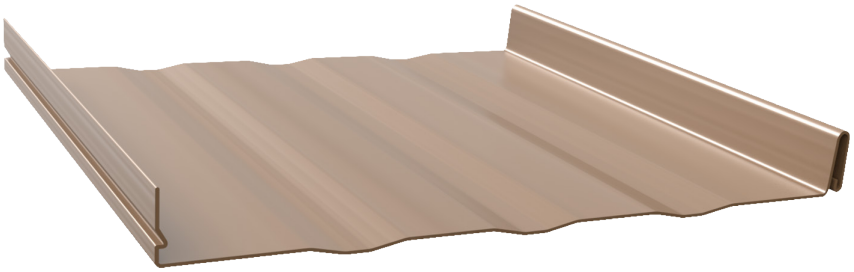

	26ga PRIME CentralGuard	24ga PRIME CentralGuard
FADE PROTECTION		
Paint Warranty	LIFETIME	LIFETIME
Paint Thickness	1.0 mil	1.0 mil
Fade Warranty	30-YEAR	30-YEAR
Fade Protection	✓	✓
RUST BLOCKING		
Adv. Rust Blocking	✓	✓
Perforation Warranty	50-YEAR	50-YEAR
Substrate Thickness	1.60 mil	1.60 mil
DENT RESISTANCE		
Adv. Dent Resistance	✓	✓
Steel Thickness	THICK	THICKEST

Central Shield™ 150



MINIMUM SPECIFICATIONS
FOR PRIME PAINTED PANELS

GAUGE
24 ga. | 26 ga.

STEEL THICKNESS
0.023" | 0.0185"

PAINT THICKNESS
Top coat paint: .70 mil
Top coat primer: .30 mil
Bottom coat backer: .35 mil
Bottom coat primer: .20 mil | .35 mil

TOTAL THICKNESS
0.02455"

RUST PROTECTANT SUBSTRATE
Galvalume® AZ50

STEEL STRENGTH
50,000 PSI min

PAINT SYSTEM
SMP and Fluropon® 70% PVDF

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

TESTING & APPROVALS

TESTING

ASTM-E1680	Air Leakage Test Through Exterior Metal Roof Panel
ASTM-E1646	Water Leakage Test of Exterior Metal Roof Panel
UL580	UL Approval, Uplift Resistance, Class 90

APPROVALS

UL580	UL Approval, Uplift Resistance, Class 90
FL47544	Florida Approval, Roof Panel 24 ga. min. Over 15⁄32" Plywood

Find more information at
centralstatesco.com