

TREMLOCK[®] SHADOW-RIB PRODUCT INFORMATION

Composition and Material:

TremLock Shadow-Rib wall panels are factory roll formed 24 or 26 gauge Galvalume steel, zinc coated by hot-dip process per ASTM A792/A792M. The Galvalume panel is coated with Kynar 500 / Hylar 5000. Refer to color chart for available colors.

Basic Use:

TremLock Shadow-Rib wall panel is an exposed fastener wall panel. TremLock Shadow-Rib panel can be used as an exterior wall cover, excellent for use with parapet wall applications. A variety of fastener options are available to meet the needs of appearance and different substrate attachment.

System Design:

TremLock Shadow-Rib panels are designed 35-3/8" wide coverage up to 40' in length with three major corrugations; 1 3/16" high 12" on center with two minor corrugations between each of the major corrugations the entire length of panel.

Application Data:

TremLock Shadow-Rib panels are installed over solid substrate or spanning members (hat channels). All exposed fasteners shall be pre-painted to match roof or wall panel colors. All side laps shall be at least one full corrugation. Panels are sealed at the base of wall with metal closures.

Finish and Color:

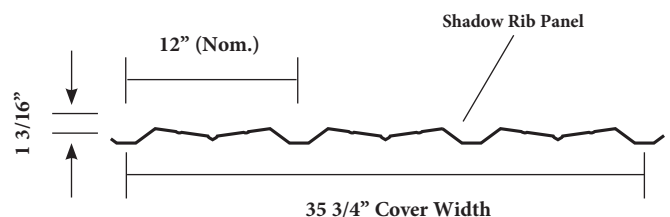
TremLock Shadow-Rib wall panels with factory applied finish. Topside: Full - strength 70% Kynar 500 or Hylar 5000 resin system of 1.0 mil (.025 mm) total dry film thickness. Underside: Wash coat of 0.3 - 0.4 mil dry film thickness

SECTION PROPERTIES						TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
GAUGE	FY (KSI)	WEIGHT (PSF)	V _a kip/ft.	P _{a_end} lbs/ft.	P _{a_int} lbs/ft.	I _x (in. ⁴ /ft.)	S _x (in. ³ /ft.)	M _a kip-in./ft.	I _x (in. ⁴ /ft.)	S _x (in. ³ /ft.)	M _a kip-in./ft.
24	50.0	1.10	0.7495	185.84	313.76	0.0317	0.0616	1.5300	0.0340	0.0507	1.5200

- Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
- V_a is the allowable shear.
- P_a is the allowable load for web crippling on end & interior supports.
- I_x is for deflection determination.
- S_x is for bending.
- M_a is the allowable bending moment.
- All values are for one foot of panel width.

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24	80.0	1.10	0.8994	223.01	376.51	0.0313	0.0598	1.8167	0.0333	0.0459	1.7800

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AVAILABILITY AND COST:

Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your local representative, call the Roofing Division at 216/292-5000.

MAINTENANCE:

Your local Tremco Roofing Representative can provide you with effective maintenance procedures, which may vary depending upon specific conditions. Periodic inspections, early repairs and preventive maintenance are all part of a sound roof program.

GUARANTEE/WARRANTY:

Tremco Incorporated warrants TremLock Shadow-Rib metal system to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under warranty, any TremLock Shadow-Rib product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. **THIS IS BUYER'S SOLE AND EXCLUSIVE REMEDY.**

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU of any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

TECHNICAL SERVICES:

Your local Tremco Representative, working with the Technical Service staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service Staff.

STATEMENT OF POLICY AND RESPONSIBILITY:

Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself or its Representatives practice architecture or engineering, Tremco offers no opinion on, expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for the resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

Kynar 500 is a registered trademark of Elf Atochem North America, Inc.
Hylar 5000 is a registered trademark of Ausimont USA, Inc.
TremLock is a registered trademark of Tremco Incorporated

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TREMCO
ROOFING & BUILDING MAINTENANCE

3735 Green Road
Beachwood, OH 44122
216-292-5000
220 Wicksteed Ave
Toronto, ONT M4H 1G7
416-421-3300

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