

TREMLOCK[®]

INVISI-LAP

PRODUCT INFORMATION

Composition and Material:

TremLock Invisi-Lap roof & wall panel systems 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 Invisi-Lap panel is an exposed roof and wall panel. TremLock Invisi-Lap panel can be used as an exterior wall cover or roof panel, basic shade and shelter panel used on screen walls and parapet wall applications. A variety of fastener options are available to meet the needs of appearance and different substrate attachment.

System Design:

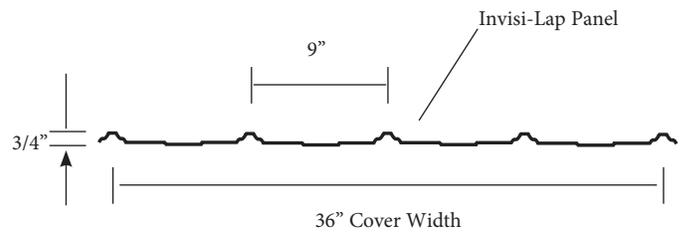
TremLock Invisi-Lap panels are designed with nearly invisible laps, coverage of 36" and up to 40' in length with three major ribs; 3/4" high 9" on center with one 2" intermediate support on one side of each major rib the entire length of panel.

Application Data:

TremLock Invisi-Lap panels are installed over solid substrate or spanning members (hat channels). All exposed fasteners shall be prepainted 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 Invisi-Lap roof & 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.



		ALLOWABLE LOADS (PSF)*																	
		NEGATIVE WIND LOAD						LIVE LOAD						L/180 DEFLECTION					
		SPAN (ft.)						SPAN (ft.)						SPAN (ft.)					
Ga	FY KSI	1.5'	2'	3'	4'	5'	6'	1.5'	2'	3'	4'	5'	6'	1.5'	2'	3'	4'	5'	6'
*29	80	185	109	50	28	18	12	173	101	46	26	17	11	390	164	48	20	10	6
**29	80	193	113	52	29	19	13	181	106	48	27	17	12	439	185	54	23	11	6
26	50	204	120	55	31	20	14	193	113	52	29	19	13	500	226	67	28	14	8
26	80	234	138	63	36	23	16	224	131	60	34	22	15	500	226	67	28	14	8
24	50	274	163	75	43	27	19	246	144	66	37	24	17	500	309	91	38	19	11
24	80	306	180	83	47	30	21	293	172	79	45	29	20	500	309	91	38	19	11

				TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
Ga	FY KSI	Weight PSF	V _a KIP/FT.	I _x IN ⁴ /FT.	S _x IN ³ /FT.	M _x KIP	I _x IN ⁴ /FT.	S _x IN ³ /FT.	M _x KIP
*29	80.0	0.66	0.3720	0.0090	0.0156	0.5590	0.0070	0.0299	0.5160
**29	80.0	0.66	0.3880	0.0100	0.0163	0.5840	0.0080	0.0320	0.5410
26	50.0	0.87	0.4030	0.0120	0.0204	0.6200	0.0100	0.0474	0.5800
26	80.0	0.87	0.4700	0.0120	0.0198	0.7100	0.0100	0.0433	0.6700
24	50.0	1.10	0.5070	0.0200	0.0259	0.8500	0.0100	0.0657	0.7400
24	80.0	1.10	0.6080	0.0200	0.0259	0.9300	0.0100	0.0625	0.8800

* is representative of Bare Galvalume. ** is representative of Bare G100 Galvanized and Painted Galvalume.

SECTION PROPERTIES NOTES:

1. Section properties are calculated in accordance with the 2001 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. V_a is the allowable shear.
3. I_x is for deflection determination.
4. S_x is for bending.
5. M_x is the allowable bending moment.
6. All values are for one foot of panel width.

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 Invisi-Lap 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 Invisi-Lap 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 Autochem North America, Inc.
Hylar 5000 is a registered trademark of Ausimont USA, Inc.
TremLock is a registered trademark of Tremco Incorporated

An **RPM** Company

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