Model Metal Loc 1.5

File Number: R42119

COMPANY

Metal Exteriors LLC
8511 Shiloh Norwalk Rd
Shiloh, OH 44878-8997 United States

MODEL INFO

Metal Loc 1.5
Metal Roof Deck Panels

UPLIFT RESISTANCE CLASSIFIED ROOF DECK CONSTRUCTION(S)

Construction Number	Uplift Class (UL 580)	Material Type	Construction Notes
589	Class 90	Steel	

Report Date: 2026-06-02
Revision Date: 2026-06-02

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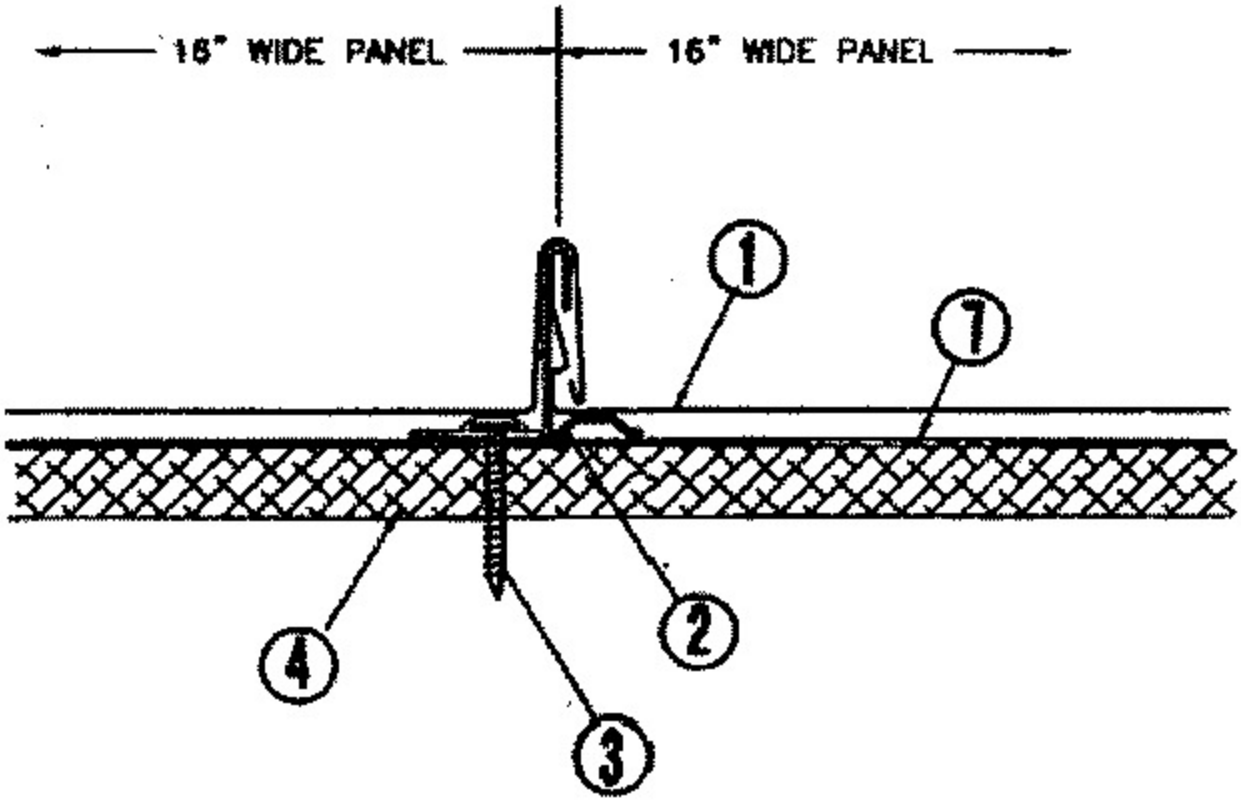
Design/System/Construction/Assembly Usage Disclaimer

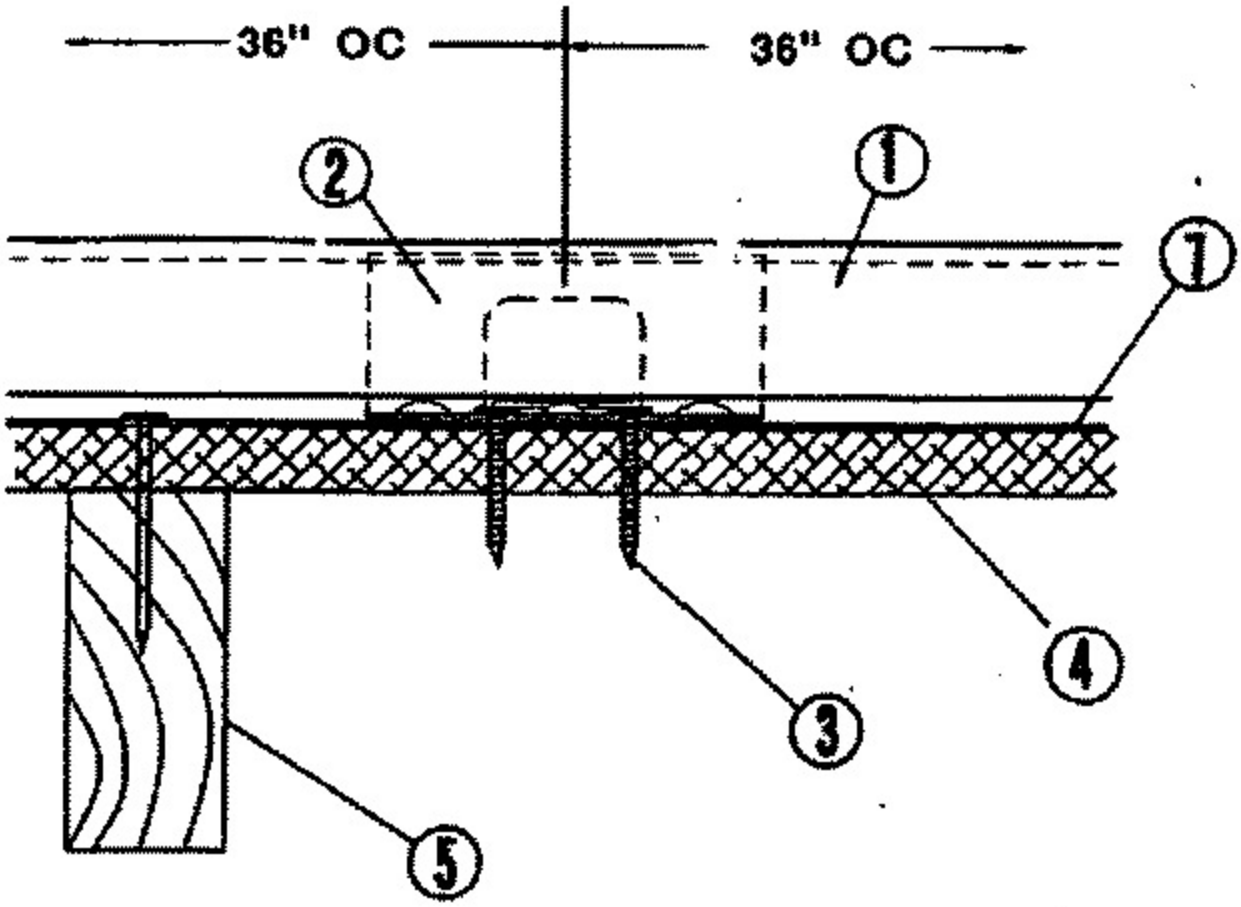
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

Construction No. 589

August 13, 2026

Uplift — Class 90
Fire Not Investigated





1. **Metal Roof Deck Panels* —** Min. 24 MSG (.0225 in.) thick coated steel; width 16 in., max. height of female rib 1-1/2 in., male rib 1-1/4 in. Panels continuous over three or more clips with no end laps. A bead of sealant may be used at panel ribs.

ADAX METALS (View Classification) **—** "AMI 150 LS"

AUSTIN SHEET METAL (View Classification) — "ATX150SL" or "J-LOCK150SL"

COATED METALS GROUP (View Classification) — "Ultra-Snap 1.5"
DELTA METALS LLC (View Classification) — "Fastener Flange 1"

EAST TEXAS ARCHITECTURAL SHEETMETAL L L C, DBA ETAS INC (View Classification) — "SNAP LOCK 1-1/2 in."

ECONOMY METALS INC (View Classification) — "Snap Lock 16"

FE SAWYER BUILDING SYSTEMS INC, DBA SAWYER METAL (View Classification) — "1-1/2 in. Snap Lock"

FLATIRON STEEL (View Classification) — "1.5 Snap Lock"

HPM BUILDING SUPPLY (View Classification) — "Snap-Lock 1.5"

INTEGRIS METALS INC (View Classification) — "Integris System 2"

KAUFFMAN METAL (View Classification) — "Tru Lock"

MARLYN METALS INC (View Classification) — "1.5SL"

MAJESTIC METALS (View Classification) — "1.5 Snap Lock -MM 1.5 SL"

METAL EXTERIORS LLC (View Classification) — "Metal Loc 1.5"

METAL FORMING INC (View Classification) — "1-1/2 in. Snap Lock"

MID-SOUTH METAL PRODUCTS (View Classification) — "MSMP 1 1/2 in. Snap Lock"

NEW TECH MACHINERY CORP (View Classification) — "SS450SL"

OTTER-TECH INC (View Classification) — "OT Standing Seam Panel"

P S M L V INC DOING BUSINESS AS PENN SHEET METAL (View Classification) — "PSM150SL"

ROLLFAB METAL BUILDING PRODUCTS (View Classification) — "1-1/2 in. Snap Lock"

RUSH RIVER STEEL & TRIM (View Classification) — " SnapLok 150"

SHEET METAL WORKS OF ARIZONA (View Classification) — "SS150"

SHEFFIELD METALS INTERNATIONAL (View Classification) — "SMI 1 1/2" SnapLock 450SL"

STORMY RIDGE METAL ROOFING MATERIALS — "SS450SL"

TAYLOR METAL INC, DBA TAYLOR METAL PRODUCTS (View Classification) — "Clip-Lock 150"

THE BRYER CO (View Classification) — "TBC-Truloc"

UNION CORRUGATING CO (View Classification) — "SL150"

XTREME METALS LLC (View Classification) — "1-1/2 24 gauge Snap Lock"

2. **Roof Deck Fasteners* (Panel Clips) —** One piece assembly, 3-3/4 in. wide at base with a 3-1/2 in. wide upper segment. Upper segment to have a 1/2 in. return. Base to have an opposing segment 7/8 in. long and 1-1/4 in. wide. Clips spaced 36 in. OC max.

ARCHITECTURAL METAL SPECIALTIES INC (View Classification) — "150-SLU-18-G"

METAL FORMING INC (View Classification) — "1500SNS"

3. **Panel Fasteners (Screws) —** The fasteners used to attach the panel clips to the plywood deck to be No. 10-12 by 1 in. long, No. 2 Phillips Drive, wafer-head, plated steel wood screws. Two screws used per clip.

4. **Plywood Deck —** Nominal 5/8 in. (19/32 in. actual) plywood., Grade C-D, APA rated. Fastened to supports (joists) using No. 8 by 2-1/2 in. long, No. 2 Phillips Drive, coarse thread, bugle head, steel screws. Screws spaced 6 in. OC max. at butt ends and 12 in. OC max. in the field. All joints to be sealed with a one part urethane sealant feathered outward from the joint.

5. **Joists —** Graded dimensional lumber, No. 2 or better. Spaced 24 in. OC max.

6. **Joist Hangers —** (Not Shown) - No. 18 MSG coated steel, open seat type.

7. **Ply Sheet* —** Any UL Classified underlayment, min. 2 in. sidelap, mechanically fastened.

Refer to general information, Roof Deck Construction, for Items not evaluated.

*** Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.**

Last Updated on 2026-08-13

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