



Construction No. 671

TGKX.671

Roof Deck Constructions

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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.

Roof Deck Constructions

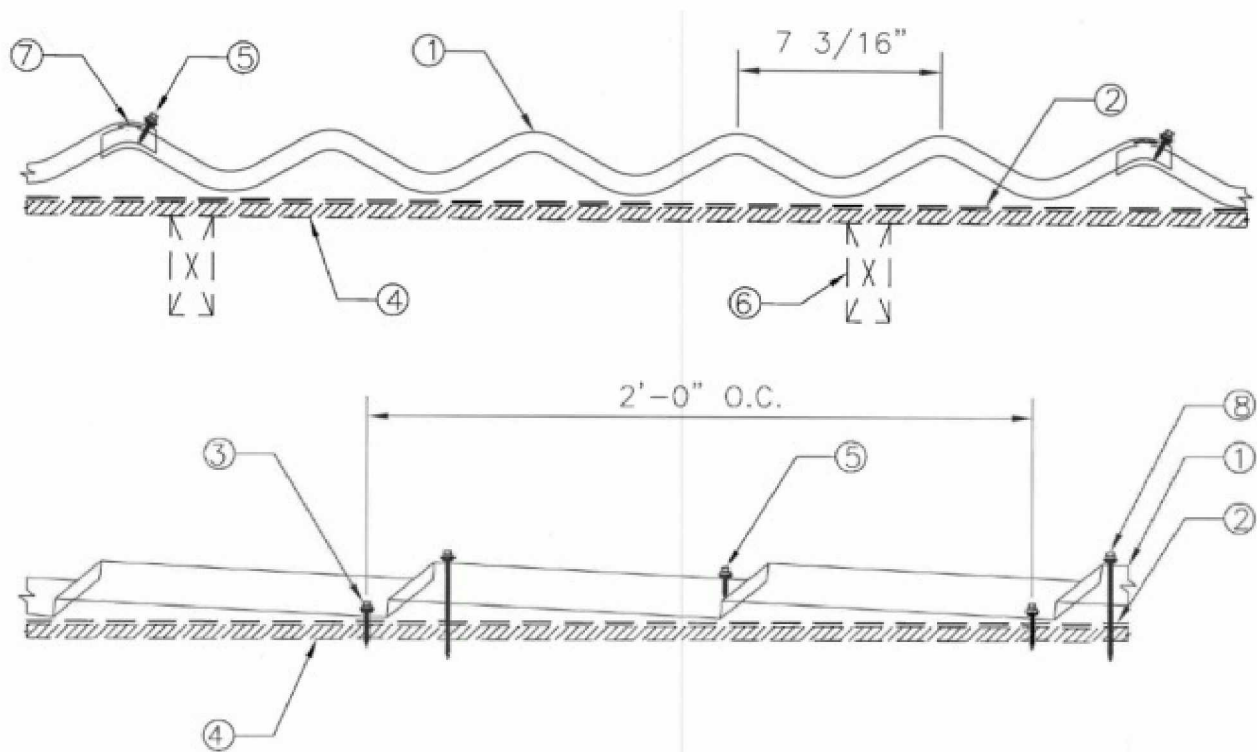
[See General Information for Roof Deck Constructions](#)

Construction No. 671

May 10, 2012

Uplift — Class 90

Fire Not Investigated



1. **Metal Roof Deck Panels*** — No. 26 MSG min thick coated steel. Width 36 in., height at ribs 1-1/2 in.

MCELROY METAL MILL INC ([View Classification](#)) — "Met-Tile"

2. **Underlayment** — 30 lb organic felt. Sides overlapped min 2 in., end laps per manufacturer's instructions.
3. **Fasteners (Screws)** — Fasteners used to attach panels (Item 1) to plywood deck (Item 4) to be #9 x 1-1/2 long, self-drilling, self-tapping hex washer head plated steel screws, placed in every low flute, 2' O.C.
4. **Plywood Decking** — Decking to be min 15/32 in. APA B-C Group 1 Exterior plywood fastened to supports with 2-1/2 in. ring shank nails, 6 in. O.C. interior and edge pattern.
5. **Fasteners (Screws)** — Fasteners used to attach panels (Item 1) at end laps to be 1/4-14 x 7/8 in. Lap Tek screws and #9 x 2-1/2 in. hex washer head screws (Item 8) alternating every 1 ft. O.C.
6. **Supports (Joists)** — Spaced max 2 ft OC. Graded dimension lumber, No. 2 or better.
7. **Sealant (Optional)** — Any lap sealant.
8. **Fasteners (Screws)** — Fasteners used to attach panels (Item 1) to plywood deck along each rake, #9 x 2-1/2 in. hex washer head screws, 1 ft. O.C.

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

*Bearing the UL Classification Mark

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