



TGKX.363 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 Listed or Classified 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 as Classified, Listed, or Recognized.

Roof Deck Constructions

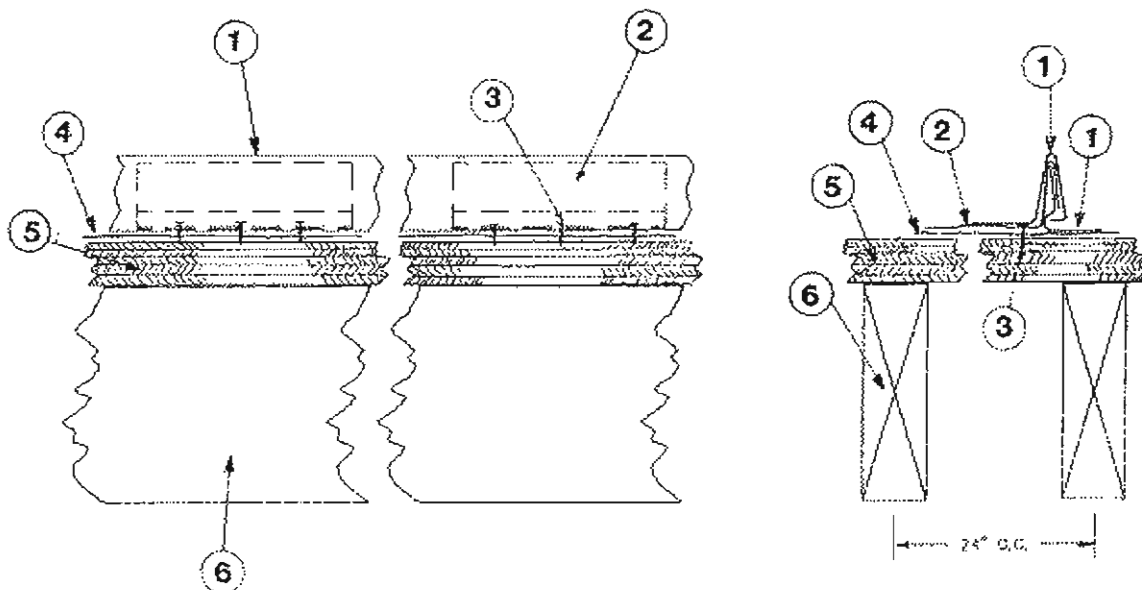
See General Information for Roof Deck Constructions

Construction No. 363

January 09, 1997

Uplift — Class 90

Fire Not Investigated



1. **Metal Roof Deck Panels** — No. 24 MSG min coated steel. Panels 16 in. wide, 1 in. high at ribs. Panels continuous over three or more panel clips with no end laps. A bead of sealant may be used at panel ribs.

KNUDSON MFG INC ([View Classification](#)) — "Snap-On Seam"

2. **Roof Deck Fasteners (Panel Clips)*** — One piece assembly, 3-1/4 in. wide, 1 in. high, thickness No. 24 MSG min

coated steel. Clips spaced 24 in. OC along panel ribs.

KNUDSON MFG INC ([View Classification](#)) — "KR-12C Snap-On Seam Clip" .

3. **Fasteners (Screws)** — Fasteners used to attach the panel clips (Item 2) to the plywood deck to be No. 10-12 by 1 in. long, pancake head, No. 2 Phillips drive, coated steel wood screws. Three screws used for each clip driven through panel clip guide holes.

4. **Underlayment** — Underlayment used over plywood deck to be Type 15 or Type 30 organic felt. Ends and sides overlapped a min of 4 in. Fastened to plywood deck using staples.

5. **Plywood Decking** — Plywood decking to be graded per PS 83 specifications, 19/32 in. thick, exposure 1, APA Rated 42/20, square edged, butt ends not blocked.

6. **Supports** — Spaced max of 24 in. OC wood, nom 2 x 6, min No. 2 grade AFPA, S-P-F hemlock fir, douglas fir, southern pine or equivalent.

7. **Plywood Fasteners** — Not Shown — Fasteners used to attach plywood deck to supports to be No. 8-18 by 1-7/8 in. long bugle-head steel screws with a No. 2 Phillips drive, a Hi-Low thread pattern and an "S" -Point.

Refer to General Information, Roof Deck Construction (Roofing Materials and Systems Directory) for items not evaluated.

*Bearing the UL Classification Mark

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