

Design/System/Construction/Assembly Usage Disclaimer

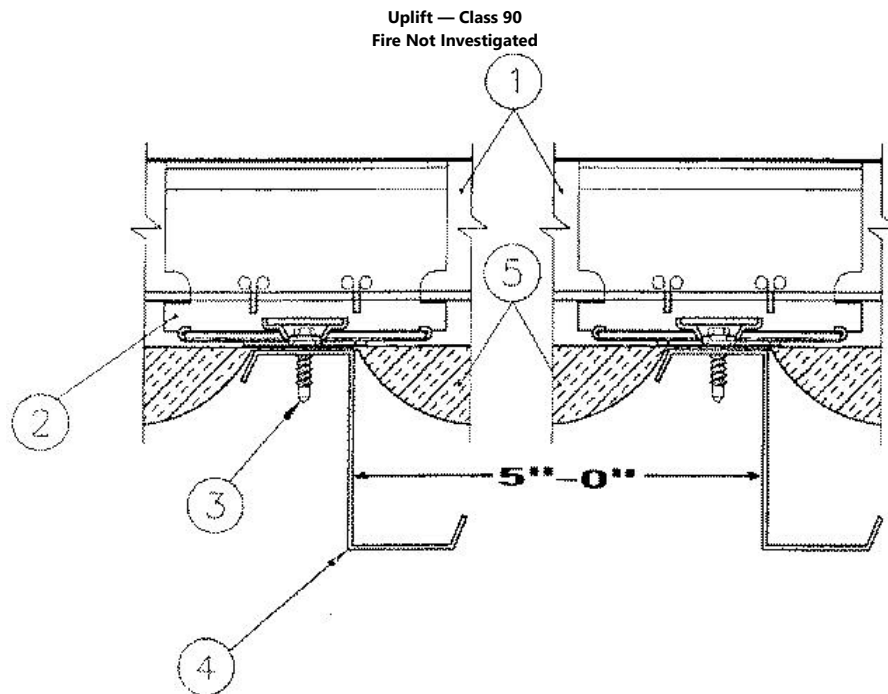
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies 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.

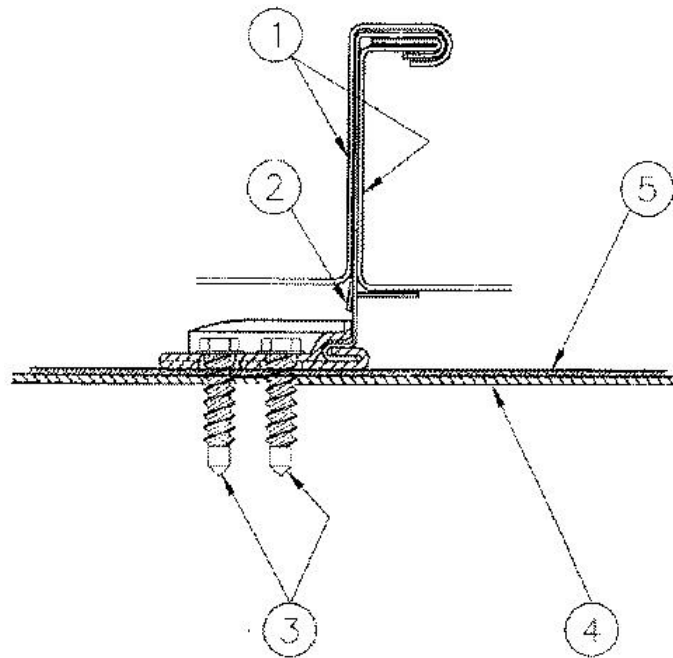
Roof Deck Constructions

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

Construction No. 482

June 8, 2023





1. Metal Roof Deck Panels* — No. 24 MSG min thickness coated steel, 16 in. wide, 2 in. high at the female rib, or min 0.032 in. thick zinc or min. 0.022 in. thick copper, 16 in. wide, 2 in. high at the female rib. Panel continuous over two or more spans without end laps. A line of sealant may be used along panel side ribs. Adjacent panels to be seamed together along sides using an electric seaming tool with seams to be fully crimped. Seaming operation to include "Roof Deck Fasteners (Items 2 and 2A)" For zinc and copper panels all panel clips spaced max 36 in. OC.

A-LERT ROOF SYSTEMS ([View Classification](#)) — "A-Lert KR", "A-Lert KR w/offset"

C B S OF CHARLESTON INC ([View Classification](#)) — "CCS 2.12"

BRB ROOFING & MFG ([View Classification](#)) — "WEATHERBOSS"

CENTURION INDUSTRIES INC, DBA TFC CANOPY ([View Classification](#)) — "Centurion Hugo-Lox", "Centurion Hugo-Lox w/offset"

INNOVATIVE METALS COMPANY INC (IMETCO) ([View Classification](#)) — "Zip-Lok"

METAL PANELS INC ([View Classification](#)) — "SSLF2"

NEXT PHASE ROOFING ([View Classification](#)) — "NP 200"

RPR INC, DBA RAIN PROOF ROOFING ([View Classification](#)) — "RP-200"

SAN ANTONIO QUALITY METALS ([View Classification](#)) — "ML-200"

2A. Roof Deck Fasteners* (Panel Clips) — (Not Shown) One part assembly, No. 22 MSG min coated steel. Height 2-3/8 in. min, 3 in. max, width 3 in.

BUILDING PRODUCTS DEVELOPMENT INC ([View Classification](#)) — "NC3300", "NCF-3300", "NCF-3300-SS" Series Clip

2B. Roof Deck Fasteners* - (Panel Clips) — (Not Shown) - One part assembly, No. 20 MSG min. coated steel. Height, 2-5/32 in., Width 3 in.

3. Fasteners (Screws) — For panel clip-to-purlin attachment to be No. 12-16 by 1 in. long self-drilling, self-tapping, hex-washer-head plated steel screws used without sealing washers. Two fasteners per panel clip used, inserted into panel clip guide holes.

4. Insulation — (Optional) — Compressible blanket insulation 6 in. max thickness before compression.

5. Purlins — No. 16 MSG min thickness steel (50,000 psi min yield strength). Spacing-60 in. O.C. max.
Refer to General Information, Roof Deck Construction, (Roofing Materials and Systems Directory) 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 2023-06-08

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL Solutions' Follow - Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL Solutions' Follow - Up Service. Always look for the Mark on the product.

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