



TGIK.R7864 Roofing Systems, Uplift Resistance

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METL-SPAN, A DIVISION OF NCI GROUP, INC.

R7864

SUITE 101
1720 LAKEPOINTE DR
LEWISVILLE, TX 75057 USA

BUILDING UNIT

1. Uplift Resistance: 166 PSF

Supports: — Steel, minimum No. 16 MSG, minimum 50 ksi yield strength, 5 ft, 0-3/16 in. OC.

Building Units: — "Metl-Span CFR Insulated Metal Panel". Minimum thickness 2 in., maximum 6 in.

Roof Deck Fasteners (Panel Clips): — "CFR Panel Clip" . Used to attach building units to supports.

End-Lap Reinforcement Plates: — Plates used under top facer of the building units at the end-lap. 1-1/4 in. by 4 in. by 16 MSG coated steel. Located at every other minor rib, 8 in. OC.

Fasteners: — For building unit to support attachment were No. 1/4-14 by 2 in. self-tapping, No. 4 torx drive, pancake head plated steel screws. For the building unit end-lap were No. 1/4-14 by 1 in. long self-drilling, self-tapping, hex-head plated steel screws with a separate 1-1/8 in. diameter steel backed bonded elastomeric sealing washer.

2. Uplift Resistance: 140 PSF

Supports: — Steel, minimum No. 16 MSG, minimum 50 ksi yield strength, 7 ft, 0-3/16 in. OC.

Building Units: — "Metl-Span CFR Insulated Metal Panel". Minimum thickness 2 in., maximum 6 in.

Roof Deck Fasteners (Panel Clips): — "CFR Panel Clip" . Used to attach building units to supports.

End-Lap Reinforcement Plates: — Plates used under top facer of the building units at the end-lap. 1-1/4 in. by 4 in. by 16 MSG coated steel. Located at every other minor rib, 4 in. OC.

Fasteners: — For building unit to support attachment were No. 1/4-14 by 2 in. self-tapping, No. 4 torx drive, pancake head plated steel screws. For the building unit end-lap were No. 1/4-14 by 1 in. long self-drilling, self-tapping, hex-head plated steel screws with a separate 1-1/8 in. diameter steel backed bonded elastomeric sealing washer.

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