

2008

Listings & Approvals

Loose-Laid Single Ply Membrane Systems

TGIK

Roofing Systems, Uplift Resistance

T. Clear Corp, Hamilton OH 45012 **R14358(N)**
Single Ply Membrane Systems
November 10, 1993

Uplift resistance: 90 psf.

Deck: Steel, min. 22 MSG.

Air Barrier: Minimum 6 mil polyethylene sealed with tape and/or caulk at laps, at roof penetrations and at the roof perimeter to form an air sealed envelope with the loose-laid membrane.

Gypsum Board: 5/8 in. thick min. mechanically fastened.

Fasteners: No. 12-12 by 1 5/8in. long, No. 3 Phillips drive truss head types point steel screws. A 3 in. diameter, No. 22 MSG Steel Pressure Plate used with each screw. A total of 18 screws used per 4 by 8 ft. sheet. Positioned in 3 rows. Rows located 6 in. from 8 ft. sides and along the center line. Fasteners spaced 18 in. OC beginning 3 in. from the 4 ft. edge.

Membrane: Any UL Classified single ply membrane, loose laid.

Surfacing: LightGUARD[®] Panels, min. 2 in. thick.

Strapping: No. 22 Msg thick, 3 in. wide, coated or stainless steel. Fastened to peripheral LightGUARD[®] Panels with blind rivet type fasteners. Minimum 2 fasteners used per unit.

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