

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 5/8 in. 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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