LightGUARD® Protected Membrane Roof Insulation Panel

Commercial Product Data Sheet

Description:

LightGUARD® Protected Membrane Roof (PMR) Insulation Panels combine insulation and ballast to protect the waterproofing membrane. Panels are composed of Dow Styrofoam with latex-modified concrete topping on a 2 ft. x 4 ft. tongue-and-groove panel and are effective in controlling condensation and moving dew point locations outside of the building envelope.

Uses:

Inverted Roof Membrane Assemblies

Thickness	2 in. or 3 in. XPS with 3/8 in. concrete topping
Panel Size	2 ft. x 4 ft.
Weight	4.5 PSF (22 kg/m^2)
R-Value per Inch of Styrofoam	5 ft^2 x h x °F/Btu per inch (0.88 m^2 x K/W per 25.4 mm) of foam
Compressive Strength of Insulation	40 psi (1915 Pa)
Colors	Gray (Standard), Tan, Red, and Green

Manufactured by:

T. CLEAR CORPORATION

LightGUARD® is a registered trademark of T. Clear Corporation.



Applications:

LightGUARD® panels provide both insulation and heavy-weight ballast in one easy step for Protected Membrane Roof Systems. Panels can be used in conjunction with adhered or mechanically attached BUR, modified bitumen, and single-ply as well as loose-laid single-ply over a variety of deck types.

Colors:



Standard Gray



Green



Red



Tan

NOTE: Due to display variances between monitors, colors may appear different than the actual product. Actual color of product can vary slightly from batch to batch, due to the nature of concrete.

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