

XPS60

60PSI INSULATION BOARD

DESCRIPTION

XPS60 is high density, closed cell, rigid extruded polystyrene foam insulation. The closed cell structure provides superior compressive strength and moisture resistance.

APPLICATIONS

XPS60 is a very high compressive strength material with a typical compressive strength of 60 psi. XPS60 is designed for use above the waterproofing membrane in protected membrane roofing (PMR) applications, plaza deck waterproofing, and greenroof applications. It is intended to resist the concentrated loads of pedestal mounted pavers or concrete slabs.

INSTALLATION

Install XPS60 loose or mechanically fastened per project requirements; firmly butting each adjacent sheet. If multiple layers of insulation are required, then install the thicker layer on the bottom. Rotate the layers of insulation must not be adhered to each other as well as not adhered to the deck. Cut insulation to conform close to all transitions, protrusions and obstructions.

Tapered insulation is available and is used to create a slope toward drains to minimize standing water. Contact CETCO for details on tapered insulation. Install filter fabric over the insulation. Cover with appropriate ballast material immediately. Follow all architectural/designer detail drawings for insulation and placement requirements.

PRECAUTIONS

XPS60 is combustible and may constitute a fire hazard if improperly installed or stored. XPS60 contains a flame-retardant additive to minimize ignition from small sources however; it must not be exposed to open flame or other sources of ignition during shipping, storage, installation or usage. Local fire and building codes may require a protective or thermal barrier.

PACKAGING

XPS60 board size is 2' (0.6 m) x 8' (2.4 m) and is available in two thicknesses: 1.5" (38 mm) or 2" (50 mm).

TECHNICAL DATA		
PROPERTY	TEST METHOD	TYPICAL VALUE
Thermal Resistance Aged R-value/inch @75°F Mean temp, min °F-ft ² -h/Btu (k-m ² /W)	ASTM C518	5.0
Compressive Strength	ASTM D1621	60 psi
Flexural Strength	ASTM C203	75 psi
Water Absorption	ASTM C272	0.1%
Water Vapor Permeance	ASTM E96	1.0
Dimensional Stability	ASTM C578	2%
Linear Coefficient of Thermal Expansion	ASTM D696	3.5X10 ⁻⁵
Type	ASTM C578	VII
Maximum Service Temp	ASTM C578	165°F

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