

BUILDING PRODUCTS LISTING PROGRAM

Customer: Tecnologias de Poliestireno S.A. C.V.
Class: Thermal Insulation – Foam Plastic
Location: Zacatequitas, Pesqueria, Nuevo Leon, Mexico

Website: www.tecnopol.mx

Listing No. B1132-1
Effective Date: February 25, 2022
Last Revised February 25, 2022
Expiration: N/A

Standards: ASTM C578 *Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation.*
ASTM E84 *Standard Test Method for Surface Burning Characteristics of Building Materials.*

Product(s): Tecnopol Type I Expanded Polystyrene Thermal Insulation Products

Markings: Products are labeled with the following information:
a) Company Name: Tecnopol
b) ASTM C578 Type I Compliant.
c) ASTM E84 Flame Spread Smoke Developed Index (FSI \leq 25 / SDI \leq 450)
d) Traceability code including date of manufacture.
e) QAI Mark as shown below:



Labels are applied to palletized finished products to ensure visibility on the jobsite.

Ratings:

TECNOPOL EPS THERMAL INSULATION TYPES PER ASTM C578	
PROPERTY	TYPE I
Compressive Strength, Minimum @ 10% Deformation (psi)	10.0
Thermal Resistance, Minimum @ 1 inch Thick (F*ft ² *h/Btu)	3.6
Flexural Strength, Minimum (psi)	25.0
Water Vapor Permeance, @ 1 inch Thickness, Maximum (Perms)	5.0
Water Absorption By Volume, Maximum (%)	4.0
Dimensional Stability Linear Change, Maximum (%)	2.0
Oxygen Index, Minimum (%)	24.0
Density, Minimum (lbs/ft ³)	0.90

Tecnopol Type I EPS thermal insulation has the following surface burning characteristics determined in accordance with ASTM E84.

TECNOPOL EPS THERMAL INSULATION SURFACE BURNING CHARACTERISTICS PER ASTM E84 ¹				
INSULATION	DENSITY	MAXIMUM THICKNESS	FLAME SPREAD INDEX	SMOKE DEVELOPED INDEX
Type I	Maximum 2.0 lbs/ft ³	≤ 4 inches	≤ 25	≤ 450

Note 1: Ceiling measurement only. This measurement is conducted through determination of flame spread index and smoke developed index with the removal of any contribution of molten materials ignited on the floor of the tunnel assembly.

Note: Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction.

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