

Perimeter Isolation Strip



Description

Our perimeter isolation strips consist of expanded, closed cell, plank, polyethylene foam that meets ASTM D1056 and ASTM D3575 standards. This accessory is an economical, lightweight, flexible, compressible, resilient, non-absorbent, and inherent bond breaker that minimizes lateral sound transmission.

Material Specifications

ASTM D3575 / ASTM D1056

Applications

To isolate vibration transmission path between the floor and the wall.

Available Sizes and Packaging

Standard thickness 6mm x 2.5" x 50ft rolls.



Typical Physical Properties	Unit	Test Method	Typical Results
Compression Strength	@25% deflection psi, @50% deflection psi	ASTM D3575	3.8, 11.6
Compression Set	%	ASTM D3575	<30
Tensile Strength	psi	ASTM D3575	58, 30
Elongation	%	ASTM D3575	86, 60
Tear Resistance	lb/in	ASTM D3575	11, 17
Density Range	lb/ft ³	ASTM D3575	1.5 - 1.9
Water Absorption	lb/ft ²	ASTM D1056	<0.1
Thermal Stability	%	ASTM D3575	< 5
Thermal Conductivity (k-value)	(BTU-IN/HR-FT ² - °F)	ASTM C518	0.35 - 0.42
Thermal Resistance (R-value)	(HR-FT ² - °F/BTU)	ASTM C518	1.30 - 1.60