

ECOsilence

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
Density	lb/ft ³	ASTM D3575	2 to 2.4
Tear Strength	lb/in	ASTM D3575	13
Compression Creep	psi	ASTM D3575	<5% @ 3.0
Compression Strength	25% deflection psi 50% deflection psi	ASTM D3575	10.5 19
Compression Set	(loaded at 1.5 psi 1000 hrs at 50%) %	ASTM D3575	18
Tensile Strength	(@ 1/2" thickness) psi	ASTM D3575	42
Water Absorption	(lbs sf of cut surface)	ASTM D1056	< 0.2
Thermal Conductivity	(BTU-in/hr/sf°F) at 75°F	ASTM C518	0.4 - 0.18
Thermal Stability	(Change after 24 hrs at 165°F)%	ASTM D3575	< 5