

ECOsilence

Perimeter Isolation Strip

Description

Our perimeter isolation strips consist of expanded, closed cell, plank, polyethylene foam that meets ASTM D 1056 and ASTM D 3575 standards. This accessory is an economical, lightweight, flexible, compressible, resilient, non-absorbent, and inherent bond breaker that minimizes lateral sound transmission.

Material Specifications

ASTM D - 3575/ASTM D-1056

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 D-3575	2 to 2.4
Tear Strength	lb/in	ASTM D-3575	13
Compression Creep	psi	ASTM D-3575	<5% @ 3.0
Compression Strength	25% deflection psi 50% deflection psi	ASTM D-3575	10.5 19
Compression Set	(loaded at 1.5 psi 1000 hrs at 50%) %	ASTM D-3575	18
Tensile Strength	(@ 1/2" thickness) psi	ASTM D-3575	42
Water Absorption	(lbs sf of cut surface)	ASTM D-1056	< 0.2
Thermal Conductivity	(BTU-in/hr/sf°F) at 75°F	ASTM C-518	0.4 - 0.18
Thermal Stability	(Change after 24 hrs at 165°F)%	ASTM D-3575	< 5