

Description

Tapered Fesco Board is a factory-fabricated insulation panel composed of expanded perlite, blended with selected binders and fibers. The expanded perlite contains air cells which provide superior insulating efficiency. Tapered Fesco Board is precut to several slopes and meets the physical requirements of ASTM C 728.

Use

Tapered Fesco Board Roof Insulation is intended for use as a low-thermal, tapered roof insulation board and general purpose cover board for use over closed cell foam insulation boards in BUR and modified bitumen roofing systems. When installed as directed, the factory tapered cut builds slope into an otherwise flat roofing system, allowing water to drain freely off the roof. Tapered Fesco Board can be installed using hot asphalt, MBR® Bonding Adhesive, MBR® Insulation Adhesive or mechanical fasteners. It has been rated in numerous FM Global® fire and wind-resistant systems and is also approved for use in specific Underwriters Laboratories Inc. Class A constructions.

JM has a comprehensive program to provide customer designs and takeoffs tailored to the needs of each individual project. For detailed information, contact the Systems Engineering Group at (800) 341-8032.

Advantages

- Factory cut taper
- Easy to install and cut
- Dimensionally stable
- Stable R value
- Proven performance



Energy and the Environment

LEED®	Recycled Content:	29% average For post and pre-consumer recycled content, visit the Fesco Board product page on the JM roofing Web site.
	Producing Location:	Rockdale, IL



Typical Physical Properties*

	Values	Test Method
Water Absorption, % by Volume – 2 hrs.	1.5 max.	ASTM C 209
Compression Resistance		
5% Consolidation–psi	30 (207 kPa)	ASTM C 165
10% Consolidation–psi	40 (276 kPa)	
Laminar Tensile Strength–psi	7 (48 kPa)	ASTM C 209
Thermal Conductance		
BTU/(hr•ft²•°F)[nom]	0.36	ASTM C 177
(W/m²•°C)	2.04	
Flexural Strength–psi	65 (448 kPa)	ASTM C 203
Product Density–pcf	9 min. (144 kg/m³)	ASTM C 209
Dimensional Stability	0.50%	ASTM C 209

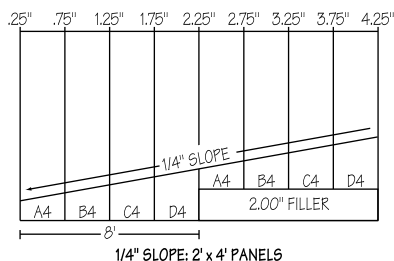
*Physical properties measured on base board stock prior to fabrication.

Sizes

Tapered Fesco Board is supplied in 2' x 4' (0.61 m x 1.22 m)

Tapered Fesco is custom cut and tapered to 1/16", 1/8", 1/4" and 1/2" per foot (5.2, 10.4, 20.8 and 41.6 mm/m) slope depending on the need. Custom sizes are available on request.

Profiles



Refer to the Material Safety Data Sheet and product label prior to using this product.