

Description

1/2" Retro-Fit Board is a high-density board made of expanded perlite and cellulosic fibers. The top surface is sealed with TopLoc® coating to ensure good attachment in bituminous applications. 1/2" (1.27 cm) Retro-Fit Board meets the physical requirements of ASTM C 728 (See CCMC Evaluation Report 13086-L).

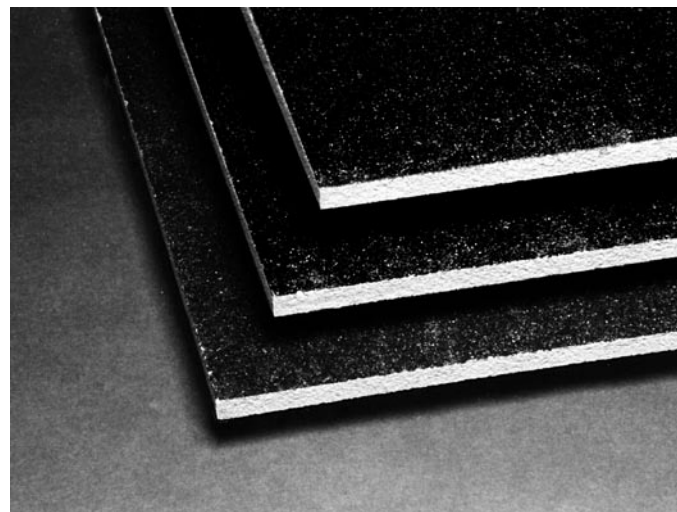
Use

1/2" Retro-Fit Board is a perlite-based utility board for use as a divorcing layer in re-roofing, and in new construction as a top layer in multi-layer insulation systems. It serves as an upgrade for wood fiber utility roofing products. It may be applied with hot asphalt, adhesives or mechanical fasteners. It is not recommended for use directly over steel decks.

1/2" Retro-Fit Board 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.

Advantages

- Excellent strength and handleability
- Good dimensional stability
- Expanded perlite composition
- Stable R value



Energy and the Environment

LEED®	Recycled Content	
	Postindustrial:	1%
	Postconsumer:	29%
	Total:	30%
	Producing Location	
	Rockdale, IL	

Typical Physical Properties

	Values	Test Method
Water Absorption – 2 hours	3.5% max by volume	ASTM C 209
Compression Resistance		
5% Consolidation	35 psi (241 kPa)	ASTM C 165
10% Consolidation	50 psi (345 kPa)	
Laminar Tensile Strength	4.9 psi (34 kPa)	ASTM C 209
Flexural Strength60 psi (414 kPa)	ASTM C 203
Density	11-14 pcf (176-224 kg/m ³)	ASTM C 209
Linear Expansion	0.5% max	ASTM C 209

Thermal Performance

Thickness (nom.)		C-Value (Conductance)		R-Value (Resistance)	
in.	cm	BTU/(hr·ft ² ·°F)	W/m ² ·°C	(hr·ft ² ·°F)/BTU	m ² ·°C/W
1/2	1.27	0.76	4.3	1.32	0.23

Sizes

1/2" (1.27 cm) Retro-Fit Board is available in 4' x 4' (1.22 m x 1.22 m) or 4' x 8' (1.22 m x 2.44 m) boards.

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