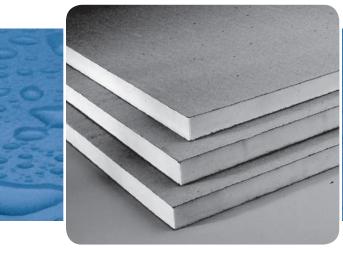
INSULATION





FT*R-Value* polyisocyanurate roof insulation consists of polyiso foam core with superior fire performance characteristics and the ability to retain its high R-values over time.

DESCRIPTION

FTR-Value polyisocyanurate roof insulation is manufactured to meet and/or exceed Federal Specifications: ASTM C1289-06 Type II, Class I, Grade 2.

FTR-VALUE is offered in a variety of thicknesses for single, multilayer and tapered installations. The closed-cell polyiso foam core is integrally laminated to fiber reinforced or fiberglass facers. The composition of FTR-VALUE provides an excellent substrate for mechanically attached and adhered FiberTite Roofing Systems.

FTR-VALUE is available in 4' x 4' or 4' x 8' boards and has a long-term thermal resistance (LTTR) of approximately 6.0 per inch.

Underwriters Laboratories and FM-Global have classified/approved FT*R-VALUE*, as a component of our FiberTite Roofing Systems(s), respectively as Class A (UL 790) and Class 1A (FM 4470). FT*R-VALUE* is also accepted by building code jurisdictions.

APPLICATION

See Seaman Corporation Guide Specification (GS 04/08) and Addendums as well as Seaman Corporation/FiberTite Material Safety Data Sheets (MSDS) for additional and specific application, design parameters and material precautions.

Use proper handling and storage methods for FT*R-Value* insulation, keeping it dry at all times. Tightly butt all roof insulation board edges and stager adjacent joints. Install no more insulation than can be effectively covered/completed during the same day.

Except for loose laid/ballast applications, FT*R-Value* roof insulation must be secured to the roof deck. Approved securement methods include mechanical attachment using FTR fasteners and insulation stress plates appropriate for the deck type. Alternatively, FT*R-Value* roof insulation may be attached with FTR-601 adhesive, hot asphalt or other approved adhesives appropriate to the deck type. For adhered insulation attachment, insulation boards shall not exceed 4ft x 4ft.

PHYSICAL PROPERTIES			
Dimensional Stability	ASTM D 2126	<2%	
Compressive Strength	ASTM D 1621	20psi*	
Water Absorption	ASTM C 209	<1% by volume	
Moisture Vapor Transmission	ASTM E 96	<1 Perm	
Product Density	ASTM D 1622	Nominal 2.0 pcf	
Flame Spread	ASTM E 84	50 or less	
Smoke Density	ASTM E 84	450 or less	

*FTR-VALUE is also available in 25 psi compressive strength (Grade 3)

FT <i>R-VALUE</i> THERMAL VALUES		
Thickness	LTTR R-Value*	Flute Spanability
1.00" (25 mm)	6.00	2 5/8"
1.50" (38 mm)	9.00	4 3/8"
1.60" (41 mm)	9.60	4 3/8"
1.70" (43 mm)	10.30	4 3/8"
1.80" (46 mm)	10.90	4 3/8"
2.00" (51 mm)	12.10	4 3/8"
2.50" (64 mm)	15.30	4 3/8"
2.70" (69 mm)	16.60	4 3/8"
3.00" (76 mm)	18.50	4 3/8"
3.10" (79 mm)	19.10	4 3/8"
3.30" (84 mm)	20.40	4 3/8"
3.50" (89 mm)	21.70	4 3/8"
3.60" (91 mm)	22.40	4 3/8"
3.70" (94 mm)	23.00	4 3/8"
4.00" (102 mm)	25.00	4 3/8"



For more information on FiberTite Systems and accessories please call: Seaman Corporation (800) 927-8578 International (330) 262-1111 www.fibertite.com

*Long Term Thermal Resistance Foam Core Values are based on ASTM C1289-06 and CAN/ULC S770 which provides for a 15-year time weighted average. All PIMA members have adopted this advanced standard for R-Value measurement as of 1/1/03.

FiberTite® is a registered trademark of Seaman Corporation.



Subject to the conditions of Approval for a roof covering when installed as described in the current edition of the Approval Guide.







As to an external fire exposure only. See UL directory of products certified for Canada and UL roofing materials and systems directory 34KL, 48PO, 97P9.



