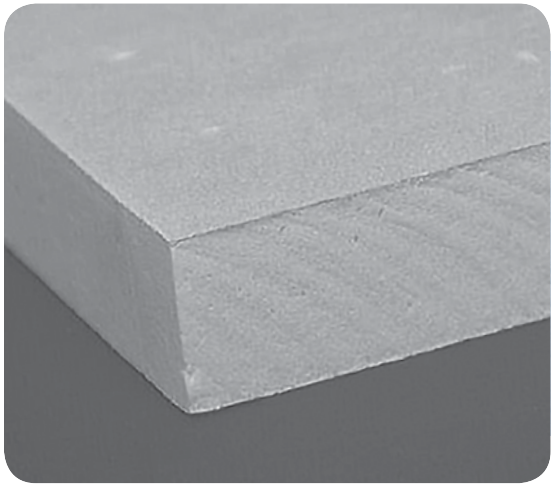

FTR-Value Glass Facer

Product Data

FTR-Value Glass Facer polyisocyanurate roof insulation consists of a closed cell polyisocyanurate foam core with premium performance coated glass facer on both sides.

DESCRIPTION

FTR-Value Glass Facer polyisocyanurate roof insulation is manufactured to meet and/or exceed Federal Specifications: ASTM C1289 Type II, Class 2, Grade 2 (20 psi) or Grade 3 (25 psi).

FTR-VALUE Glass Facer is offered in a variety of thicknesses for single, multilayer and tapered installations. The closed-cell polyisocyanurate foam core is integrally bonded online to coated glass facers. The composition of FTR-VALUE provides an excellent substrate for mechanically attached and adhered FiberTite Roofing Systems.

FTR-VALUE Glass Facer is available in 4' x 4' or 4' x 8' boards and has a long term thermal resistance (LTTR) of approximately 5.7 per inch.

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

See Seaman Corporation / FiberTite Guide Specification 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 FTR-Value Glass Facer 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.

APPLICATION

Except for loose laid/ballast applications, FTR-Value Glass Facer 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, FTR-Value Glass Facer 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

Dimensionaln Stability	ASTM D 2126	<2%
Compressive Strength	ASTM D 1621	20 psi *(Grade 2)*
	ASTM D 1621	25 psi *(Grade 3)*
Water Absorption	ASTM C 209	<1% by volume
Moisture Vapor Transmission	ASTM E 96	<1 Perm
Flame Spread	ASTM E 84	75 or less
Smoke Density	ASTM E 84	450 or less

FTR-VALUE THERMAL VALUES

Thickness	LTTR R-Value*	Flute Spanability
1.00" (25 mm)	5.70	2 5/8"
1.50" (38 mm)	8.60	4 3/8"
1.80" (46 mm)	10.30	4 3/8"
2.00" (51 mm)	11.40	4 3/8"
2.50" (64 mm)	14.40	4 3/8"
2.60" (66 mm)	15.00	4 3/8"
3.00" (76 mm)	17.40	4 3/8"
3.50" (89 mm)	20.50	4 3/8"
3.80" (97 mm)	22.30	4 3/8"
4.00" (102 mm)	23.60	4 3/8"

*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.
Values listed are as of 5/1/2016.

FiberTite Seaman Corporation
INTELLIGENT ROOFING SOLUTIONS

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

These specifications are current as of the date of printing.
Revisions or additions may be issued periodically. For a listing, presentation, and download of the most recent data, visit:

www.fibertite.com/document-library/product-data-sheets

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

CLASSIFIED UL US — As to an external fire exposure only. See UL directory of products certified for Canada and UL roofing materials and systems directory 34KL, 48P0, 97P9.

CRRC CHARTER MEMBER

CFFA CHEMICAL FABRICS & FILM ASSOCIATION, INC.

ES ESR-1456

MIAMI DADE COUNTY APPROVED

SPRI SINGLE PLY ROOFING INDUSTRY