

GreenFleece

(A & B Components)



WATER-BASED POLYURETHANE ADHESIVE SYSTEM

For Professional Use Only

GSP DOCUMENT NO.: TDS 2017037

Product Information

DESCRIPTION: *GreenFleece* is a two-component 100% water-based polyurethane adhesive system, applied for fast and seamless attachment of rigid insulation board to various substrates, while increasing the energy conservation in new and rebuilt construction assemblies.

- *Fast Performance*
- *Full Coverage Adhesive*
- *Environmentally-Safe*
- *Low VOC*
- *Easy-to-use; Low Viscosity*
- *Superior & Resilient Bond Strength*
- *Effective Replacement of Mechanical Fasteners*
- *Contains Bio-Renewable Material*

Approvals

Approved in accordance to the Factory Mutual FM-4470 standard test for Class 1 Roof Covers and the Underwriters Laboratories UL-790 as a Class-A Roofing System for the United States and Canada. Classifications include but are not limited to the following:

FM4470 CLASS 1 ROOF COVERS, WIND UP-LIFT CLASSIFICATIONS:

Concrete	ISO Board, Woodfiber	420 psf
Concrete	2-ply Felt Vapor Retarder, ISO Board, Woodfiber, Dens Deck®	225 psf
Concrete, Lightweight	Concrete ISO Board, Woodfiber, Dens Deck®	210 psf
Steel Deck	ISO Board, Woodfiber, EPDM or 3-ply BUR	90 psf
Tectum	ISO Board, Woodfiber	90 psf

UL723 CLASS 1 SURFACE BURNING CLASSIFICATION*

Flame Spread	5-20
Smoke Developed	0-35

**Applied to Inorganic Reinforced Cement Board*

Typical Component Properties

	COMPONENT A	COMPONENT B
Viscosity at 77°F (25°C), cP	200	165
Specific Gravity at 77°F (25°C)	1.24	1.10
Density, pounds per gallon at 77°F (25°	10.35	9.18
C) Mixing Ratio, % by volume	50.0	50.0

Typical Reactive Properties

Hand Mix Reactivity at 77°F (25°C) component temperatures

Cream Time, seconds.....	12-15
String Time, seconds.....	42-50
Cup Density, lbs/ft3.....	1.90 nominal

Typical Foam Properties

Shear Strength, ASTM C-273, psi.....	21-32
Tensile Strength, ASTM D-1623, psi.....	45-55
Working Time, minutes.....	4-10

TECHNICAL DATA SHEET

