



Polyset® Board-Max™

Product Data

Seaman Corporation supplies Polyset® Board-Max™ insulation adhesive for installing insulation and coverboards in authorized FiberTite Roofing Systems.

DESCRIPTION

Polyset Board-Max is a containerized, low pressure, two component, polyurethane foam insulation adhesive used to adhere approved insulation and coverboards to pre-approved roof substrates. The product is supplied with a hose, spray gun and eight mixing nozzles. The all-inclusive kit provides a portable and disposable solution for the contractor.

APPLICATION

Board-Max is applied in nominal 2.5-in wide beads direct to clean and dry substrates. The “A” and “B” components are dispensed from two low pressurized disposable containers using the hose, gun and nozzles supplied in the kit.

When using a new kit, purge the hose and gun assembly for a few seconds into a waste receptacle to ensure proper mixing from both containers. The insulation and/or coverboard is placed in the wet adhesive. The Board-Max insulation adhesive sets up in several minutes after application depending on temperature and general weather conditions. Roof top temperatures and substrate must be a minimum 35°F and rising. The adhesive is fully cured after 24-hrs. It is important to change the “nozzles” for the gun any time there is an interruption to dispensing the adhesive of more than 30-seconds.

Insulation board sizes to be adhered with Board-Max may not be greater than 4-ft x 4-ft. Gypsum based coverboards may be either 4-ft x 4-ft or 4-ft by 8-ft.

Compatible Substrates:

- Structural Concrete
- Cementitious Wood Fiber
- Smooth BUR
- FiberTite SBS Base Sheets
- FTR VaporTite vapor retarder

Compatible Insulation & Coverboards:

- FTR-Value Polyisocyanurate
- Dens Deck® Prime
- Securock® Gypsum Fiber
- DEXcell® FA

TECHNICAL DATA

Density (ASTM D1622)	46.4 kg/m ³ (2.9 lb/ft ³)
Tensile Strength (ASTM D1623)	32 kPa (47 psi)
Water Absorption (ASTM D2842)	4.39%
Fire Rating (ASTM E84)	Flame Spread Index 15-25 at 1.3cm (½-in) thick Smoke Developed 150-200 at 1.3cm (½-in) thick

PHYSICAL PROPERTIES

Rise Time	2-16 seconds	
Mixing Nozzle Working Time	30-60 seconds	
Gel Time	15-140 seconds	
Set-up Time (Tack Free)	1-5 minutes	
Cure Time*	24 hours	
Tank Weight	Part A cylinder Part B cylinder	20 kg (44 lbs) 20 kg (44 lbs)

* Cure Times may be affected by temperature and weather conditions

COVERAGE

Polyset Board-Max will yield approximately 2,800 to 3,000 ft² for nominal 2.5-in beads spaced 12-in on center.

SAFETY

Review the Polyset Board-Max by Seaman Corporation SDS information for both the A & B components.

The SDS can be found on the FiberTite website at www.fibertite.com/document-library/sds

APPROVALS

Polyset maintains approvals with Underwriters Laboratories and FM Approvals. Refer to individual assembly approvals for additional information and requirements.



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

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

