

# ADHESIVE



## FTR 190e

### Product Data

FTR 190e is a low VOC solvent borne contact adhesive, designed for bonding non-fleece back FiberTite membranes to pre-approved horizontal and vertical surfaces.

#### DESCRIPTION

FTR 190e is compliant with all air quality districts in the state of California and other regulated areas in the USA, making it the most environmentally friendly “solvent” borne adhesive available.

FTR 190e is a Nitrile/PVC polymeric adhesive. The adhesive is quick drying but has an extended “open-time” so proper planning, placement and care to insure appropriate adhesion, especially during periods of high humidity, is necessary.

FTR 190e is listed/approved for use with specific FiberTite Roofing Systems by FM-Global and Underwriters Laboratories.

#### 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.

Surfaces/substrate must be clean, dry and free of dirt, oil, grease or similar contaminants that could interfere with the bonding process.

Compatible substrates include: masonry, wood and metal for flashing applications as well as pre-approved polyisocyanurate insulation, approved gypsum based cover-boards and approved base sheets for horizontal roofing applications.

FTR 190e can be applied by either rolling or spraying at a coverage of approximately 50 ft<sup>2</sup> net per gallon (1.2 m<sup>2</sup>/ liter), 45 ft<sup>2</sup> per 1/2 gallon to the substrate (1.1m<sup>2</sup>/ 1/2 liter), 55 ft<sup>2</sup> per 1/2 gallon (1.3 m<sup>2</sup>/1/2 liter) to the membrane. Actual coverage depends upon the porosity and smoothness of the surface to be bonded.

To ensure proper application and curing of the adhesive, the outside air temperature must be 40° F (4.4°C) and rising. Spray or roll a smooth, even coat of adhesive over the exposed, pre-positioned bottom of the FiberTite membrane and a mirrored symmetrical area of the substrate, insuring 100% coverage. Allow the solvents in the adhesive to dissipate to the point that the adhesive is “sticky” but not stringy to the touch. When sufficiently cured/dry, carefully maneuver the glued portion of the FiberTite membrane onto the glued substrate.

#### PHYSICAL PROPERTIES

Color	Amber
Viscosity	18,000 - 24,000 cps
Solid Weight	20% ± 2%
Coverage	50 ft <sup>2</sup> /gal. (1.2 m <sup>2</sup> ) of bonded surface
V.O.C.	199 gm/L
Application	Brush, roller or spray
Open/Cure Time	10 - 30 min./complete cure in 28 days
Shelf Life	1 Year
Storage	Closed container/between 50° and 80°F
Wt. Gal.	7.4 lbs (0.9 kg/liter) shipped in 5 gal. pails
Working Temp. Range	40°F and rising/up to 90°F



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

**INTELLIGENT**  
ROOFING SOLUTIONS

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.



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