

# ADHESIVE



## Alpha-Tite™ with KEE-Bond™ Technology

### Product Data

Alpha-Tite with KEE-Bond Technology is a high-performance solvent-based, low-VOC, contact adhesive for use with all smooth-back FiberTite membranes.

#### DESCRIPTION

Alpha-Tite Membrane Contact Adhesive is a solvent-based contact adhesive used to adhere FiberTite roofing membranes to wood, metal flashings, brick or block masonry, rooftop flashings, insulation, cover boards, and other acceptable substrates.

#### APPROVED SUBSTRATES

- |                             |                           |
|-----------------------------|---------------------------|
| <b>Horizontal Surfaces:</b> | <b>Vertical Surfaces:</b> |
| • Insulation boards         | • Masonry                 |
| • Gypsum based cover boards | • Wood                    |
| • Base Sheets               | • Metal                   |

#### LIMITATIONS

Do not apply to wet or damp surfaces – including when using with a primer. Allow solvent based primers to completely dry before using the adhesive.

Do not apply when surface temperatures are below 32°F (0°C) to avoid ice crystals which may be present on the substrate surface.

Working Temperature Range: 25°F and rising/up to 90°F.

#### STORAGE

Store in original unopened containers at temperatures between 60°F and 80°F. When stored in cooler temperatures, allow material to warm to between 60°F - 80°F before using. Do not allow material to be stored in direct sunlight.

12 month shelf life when stored correctly.

#### SAFETY

Do not use in a confined space, or around heat, flame or sparks. Prevent fumes from entering building via air ventilation ducts. Avoid breathing adhesive vapors. Wear safety glasses or goggles to prevent contact with eyes. Wear gloves that meet ANSI/ISEA 105-2005 to protect when applying adhesive. Keep out of the reach of children.

Prior to working with this or any adhesive product consult the product label and Safety Data Sheet (SDS) for health and safety precautions.

#### PHYSICAL PROPERTIES

Color	Tan
Viscosity	500 – 2,000 cps (#2 @ 20)
Solid Weight	24% +/- 3%
Coverage*	40-50 ft <sup>2</sup> /gal. of bonded surface
V.O.C.	<200 g/L
Application	Brush, roller, spray rigs
FlashTime*	15 - 20 min. (at 70° F and 50% relative humidity)
Storage	Closed container/between 60° and 80°F
Wt. Gal.	7.1 (0.85) lbs. shipped in 5 gal. pails
Working Temp. Range	25°F and rising/up to 90°F
Shelf Life	Max. 12 Months from date of manufacture when stored correctly.

#### APPLICATION

1. Thoroughly stir the adhesive before and during use. Do not use electric drills to mix the adhesive. Do not thin adhesive. Thinning will affect adhesive performance. The color should be consistent with no solids remaining on the bottom of the pail. Adhesive shall be applied only to properly prepared and pre-approved substrates, free of any debris, dirt, grease, oil or moisture.
2. Alpha-Tite adhesive is a 2-side contact adhesive that needs to fully “flash-off” solvent before the membrane and substrate surface are joined together. To ensure the adhesive- solvent flash-off time is approximately the same, apply the adhesive to both surfaces in one application. Alpha-Tite can be applied using a solvent resistant paint roller, spray rigs designed to apply adhesives, or commercially available adhesive dispensers. If the adhesive is spray applied, the adhesive must be rolled with a solvent resistant roller.
3. Position the membrane into place and allow adequate time for the membrane to relax.
4. Fold the membrane onto itself exposing the substrate and bottom of the membrane. Apply an 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.; avoiding globs, puddles, and light areas. Make sure not to apply bonding adhesive over areas which will be used to create field or flashing seams.
5. Allow the adhesive to fully flash-off solvent and become tacky. Allow a 15-20 minute flash time (at 70° F and 50% relative humidity). Using the fingerpush method, check the adhesive by applying pressure with a finger to the adhesive while pushing across the adhesive. The adhesive is to be tacky, but not string or be liquid.
6. After adequate flash-off time, roll the adhesive coated membrane onto the adhesive coated substrate and immediately brush the topside of the membrane with a stiff bristle pushbroom to ensure maximum contact. Adhered membranes on horizontal field of the roof are to be broomed in place first and then completed by pressing the membrane into the adhesive with a weighted, foam covered lawn roller or 50 lb (22.7 kg) linoleum roller.



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](http://www.FiberTite.com/document-library/product-data-sheets)



For more information on FiberTite Systems and accessories please call:  
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