



ENVIRO STAIN[®]

TIMBER-TEC SEALANT

DESCRIPTION A moisture cure, solvent free, elastomeric log home sealant for application in extremely dynamic joints. Timber-Tec sealant is 100% solids, non-shrinking and is available in five (5) standard colors, as well as, custom colors.

APPLICATIONS

Apply Timber-Tec Sealant to clean log joints for exterior and interior use.

PRODUCT BENEFITS

- Fast Cure
- 0-VOC
- Zero Shrinkage
- Low Temperature Cure (applicable down to -1°C (30°F))
- Excellent Adhesion
- Solvent Free (no volatile organic content)
- Freeze Thaw Stable (not damaged by freezing)
- Tough Abrasion Resistant Finish
- Excellent Weathering
- Compatible to most wood treatments
- Deep Cure (forms a rubber seal in joints with mass as great as 2 inches deep by 3 inches wide)
- Bonds to aluminum, glass, vinyl, copper, coated metal, masonry and fiberglass.

CHARACTERISTICS

- Appearance Smooth
- Odor Slight min odor while curing, no odor when cured.
- Form Gun or Knife grade mastic
- Specific Gravity 1.50
- Wt. / Gallon 12.5 lbs
- Percent Solids 100% (No VOC's)
- Viscosity 850,000 cps, Brookfield RTV TF spindle @4 rpm, 21°C (70°F)
- Freezing Point @ -2°C (28°F). Gunnable @ -1°C (30°F) when warmed.

- Color White, Grey, Limestone, Natural, Mortar
- Clean-up Soapy water / Alcohol mixture.

PERFORMANCE PROPERTIES

- Elongation @ Break 500% to 600%
.....ASTM D-0412
- Hardness Shore A 26 to 29
.....ASTM C-0661
- Shear Strength 75 PSI
.....ASTM D-1002
- Tack Free Time 25 min.
.....ASTM C-0697
- Slump (sag) Zero SlumpASTM C-0697
- Shrinkage . No Measurable Shrinkage @ 14 days CureASTM D-2453
- Water resistance Skins over in about 20 minutes.
- Application Temperature -1°C (30°F) to 48° (120°F)
- Service Temperature -40°C (-40°F) to 93°C (200°F) continuous
- Shelf Life One year

PACKAGING

Available in 10.3 oz cartridges.

SURFACE PREPARATION

Inspect bonding surfaces for defects or deterioration or insect damage. Clean all dirt, debris, oil or previous chinking with ammonia water or alcohol. Do not clean with petroleum distillates or detergents, which leave a residue that would interfere with adhesion.

APPLICATION METHODS

- Apply Sansin Timber-Tec Sealant only to clean, solid and properly prepared surfaces.

- Stain finishes that were applied before chinking must be fully cured and free of oily residue.
- Gun Sansin Timber-Tec Sealant into the joint cavity to a desirable level.
- Completely fill voids and irregularities in the joint with sealant to form a solid rubber seal.
- Sansin Timber-Tec Sealant will skin over in about forty minutes at room temperature. Hot and humid conditions can accelerate skin over time to as little as twenty minutes.
- The cure reaction of Sansin Timber-Tec Sealant is driven by moisture and heat. A ¾ inch deep joint will cure completely in three days at room temperature and 40% relative humidity. Cold weather will retard cure time by as much as 14 days and warm weather could accelerate cure time to as little as one day.

STANDARDS

Sansin Timber-Tec Sealant meets the performance requirements of ASTM D-0412, ASTM C-0661, ASTM D-1002, ASTM C-0697 and ASTM D-2453. Timber-Tec Sealant meets or exceeds the performance requirements of TT-S-00230C Type II and Canadian Spec CAN 19, 13-M82

STORAGE

Store in cool dry sheltered conditions as close to room temperature as possible.

SAFETY See Material Safety Data Sheet

WARNING TO USERS

Keep out of reach of children.

The information contained in this document is given in good faith based on our current knowledge.

The use of the product is beyond the control of The Sansin Corporation, and no guarantees, expressed or implied, are made as to the result to be obtained if not used in accordance with the published Directions for Use. The Sansin Corporation does not assume any legal responsibility for use or reliance on same. This information must on no account be used as a substitute for necessary field tests, which alone can ensure that the product is suitable for the expected use. Before using any product, read its label.

September 2009