



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

CHARACTERISTICS

- ◆ Appearance Smooth.
- ◆ Odor Slight mint 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, Gray, 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 Slump ASTM C-0697
- ◆ Shrinkage No Measurable Shrinkage @ 14 days Cure ASTM D-2453
- ◆ Application Temperature -1°C (30°F) to 48°C (120°F)
- ◆ Service Temperature -40°C (-40°F) to 93°C (200°F)
- ◆ Shelf Life One year.
- ◆ Water Resistance Skins over in about 20 minutes.

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 three inches wide)
- ◆ Also bonds to aluminum, glass, vinyl, copper, coated metal, masonry and fiberglass.

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 Chinking 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.
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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.

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