



ENVIRO STAIN<sup>®</sup>

# TIMBER-TEC CHINKING

**DESCRIPTION** A moisture cure log chinking compound based on a fast setting elastomeric polymer. Timber-Tec Chinking is designed for application in very dynamic joints. It is solvent free, non-shrinking and its unique cure chemistry allows application down to -1°C (30°F). Available in eight (8) standard colors, as well as, custom colors.

### APPLICATIONS

Apply Sansin Timber-Tec Chinking to clean logs and timbers for interior and exterior use.

### PRODUCT BENEFITS

- Fast Cure
- 0-VOC
- Zero Shrinkage
- Low Temperature Cure (applicable down to -10C (30oF))
- Excellent Adhesion
- Solvent Free (no volatile organic content)
- Freeze Thaw Stable (not damaged by freezing)
- Tough Abrasion Resistant Finish
- Excellent Weather Resistance
- Compatible to most wood treatments
- Paintable/Stainable
- Deep Cure

### CHARACTERISTICS

- Appearance .....Lightly textured Mortar
- Odor ..... Slight mint odor while curing, no odor when cured.
- Form .....Gun or Knife grade mastic
- Specific Gravity .....1.0 to 1.1
- Wt. / Gallon..... 8.4 lbs.
- Percent Solids ..... 100% (No VOC's)
- Viscosity ..... 500,000 to 700,000 cps, Brookfield RTV TF spindle @ 4 RPM, 21oC (70oF)
- Freezing Point ..... @ -2°C (28°F). Gunnable @ -1°C (30°F) when warmed.
- Color ..... White, Grey, Limestone, Natural, Mortar, Colonia, Oxford and Tamarack.

- Clean-up.....Soapy water / Alcohol mixture.

### PERFORMANCE PROPERTIES

- Elongation @ Break ..... 350% to 450%  
.....ASTM D-412
- Hardness Shore A.....35 to 40  
.....ASTM C-661
- Shear Strength .....200 to 225 PSI  
.....ASTM D-1002
- Tack Free Time .....15 to 40 min.  
.....ASTM C-697
- Slump (sag)Zero Slump .....ASTM C-697
- Shrinkage .No Measurable Shrinkage @ 14 days Cure .....ASTM D-2453
- Water resistance ..... 60 minutes
- Low Temperature Flex .....@ -28°C (-20°F)  
PASS ¼ inch mandrel
- Service Temperature -40°C (-40°F) to 38°C (100°F) continuous
- Shelf Life .....One year

### PACKAGING

Available in 28 oz sausages.

### 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 Chinking only to clean, solid and properly prepared surfaces.
- Stain finishes that were applied before chinking must be fully cured and free of oily residue.

- Install appropriate backer rod as per manufacturer's specification.
  - Mask off surfaces adjacent to the joint to insure a neat finish.
  - Gun or tool Sansin Timber-Tec Chinking into the joint cavity to a level even with the masked edges.
  - Completely fill voids and irregularities in the joint with chinking to form a solid rubber seal.
  - Tool the chinked surface to a flat, bubble free "mortar" appearance. Additional texture can be tooled into the surface as long as such texture is free of voids.
  - Sansin Timber-Tec Chinking 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. Work in reasonably sized application areas. Do not apply more joint area than you can tool in fifteen 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 Chinking meets the performance requirements of ASTM D-412, ASTM C-661, ASTM D-1002, ASTM C-697 and ASTM D-2453.

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#### **STORAGE**

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

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**SAFETY** See Material Safety Data Sheet

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#### **WARNING TO USERS**

Keep out of reach of children.

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September 2009