

WEATHERALL 1010 CHINKING®

Weatherall 1010 Chinking is a flexible, mortar-textured chinking sealant specifically designed for use in log homes. It is formulated from a thoroughly tested blend of latex acrylics chosen for superior weathering, adhesive and flexing characteristics. Weatherall 1010 Chinking replaces mortar-based chinking, mastics and glossy caulks.



Weatherall
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USES

- **New Construction**
Weatherall 1010 Chinking is used in log home joints where a positive, flexible, weather-tight seal is needed and a neat, mortar textured finish is desired.
- **Restoration**
Weatherall 1010 Chinking is an excellent restoration/repair product for previously applied mortar chinking, mastics and caulks.

ADVANTAGES

- **Stays Flexible**
Provides a highly resilient, mortar-textured finish that remains flexible and expands and contracts with normal log movement.
- **Superior Adhesion**
Adheres tightly to surface without pulling away or tearing.
- **Seals Tightly**
Prevents air and water intrusion.
- **Exceptional Durability**
Withstands weather and temperature extremes and forms a tough, damage resistant surface.
- **Quick Drying**
Cures quickly thus, it is not prone to bubbling, attracting dirt and dust nor is it easily damaged.
- **Tools Firmly**
Tools firmly, leaving clean, crisp edges. No excessive stickiness or slumping.
- **Non-Toxic**
Safe for both interior and exterior use and has no odor when cured.
- **Excellent Color Retention**
UV stable and does not fade.
- **Warranty**
Limited Lifetime Warranty.

TECHNICAL INFORMATION

Available Colors

Weatherall 1010 Chinking is available in a wide range of colors to either imitate the traditional look of mortar chinking or to blend with the natural tones of the wood. Custom colors are also available.

Texture

Semi-matte sand texture. Can be tooled to achieve a semi-smooth to rough finish.

Recommended Thickness

Finish troweled thickness should be from 3/16" to 1/4" across the face of the TRI-ROD®.

Physical Properties

Composition	Textured Acrylic Latex
Viscosity	Trowel Grade
Density	13.5 lbs./gal.
VOC	25g/l
pH	9+
% Solids	84%
Elongation	25%
Temperature Range	-40° F. to 250° F.
Odor	Odorless when dry
Toxicity	Non-toxic
Shelf Life	2 years
Stability	Salt spray stable
Test Procedure	ASTM C-834

Coverage

The guide on the back of this page is offered to assist in estimating coverage and quantities required. Measure the total number of linear feet of log joint, exterior and interior, and estimate the average width of the finished chink joint. Remember to include corners, door and window bucks, gable lines, purlin and joist notches, etc., in addition to the horizontal chink lines.

Drying Time

Weatherall 1010 Chinking will be skinned over on the surface in 20-30 minutes and will be surface dry in 8-10 hours under normal conditions. It will be fully cured in 7-10 days. Actual times will vary depending on temperature and relative humidity. Chinking should be protected from contact damage for 2-3 days after application.

Packaging

Weatherall 1010 Chinking is available in 5 gallon pails, 30 oz. cartridges and 10.3 oz. cartridges.

Storage

Must be protected from freezing and stored in temperatures that do not exceed 90° F. Opened containers may be stored by floating a thin film of water (1/16") on the surface of the material, covering it with plastic, and tightly relidding the container.

Clean Up

Clean uncured Weatherall 1010 Chinking immediately with soap and water.

APPLICATION GUIDELINES

Surface Preparation

The logs must be clean, structurally sound, dry (18% moisture content maximum) and free from any grease, paraffins, oils, petroleum distillates, urethanes or other surface contaminants that could inhibit the ability of the chinking to penetrate and bond to the wood fibers. Any finish, whatever the composition, may be incompatible with the chinking system if the finish deposits a heavy film on the surface of the wood. The chinking must be able to bond to the wood fibers; therefore, use only a penetrating water-based finish prior to chinking such as Weatherall LOG GUARD® Interior Clear

Coat, UV GUARD® Exterior Wood Finish or UV GUARD® II Exterior Wood Finish.

Note: If you are about to apply a preservative or wood finish not provided by Weatherall Company, Inc., or if you are in doubt as to the compatibility of a previously applied preservative or wood finish, please contact Weatherall technical support prior to application of Weatherall 1010 Chinking.

Application Temperature

Chinking should not be applied when temperatures are below 40° F., or when subfreezing temperatures are expected within 48 hours of application. Avoid chinking in the rain or when rain is imminent. When chinking in very hot weather, it is recommended that the chinking be applied to the shaded side of the house.

Note: There may be occasions when chinking in subfreezing or rainy weather is unavoidable. In such cases, contact your Weatherall representative for specific recommendations.

Backer-Rod System

When applying chinking to new construction or to previously unchinked structures, it must be applied over a triangular-shaped, closed-cell, non-adhesive backing such as Weatherall TRI-ROD backer rod. This type of backer rod system provides several critical advantages.

- 1) It creates the ideal slip joint design which allows only two points of adhesion: to the wood surface at the top and bottom of the joint.
- 2) The rounded edges create a wider "footprint" at the top and bottom where the chinking is in contact with the wood.
- 3) It provides a flat, even surface over which to tool the chinking.
- 4) It is water resistant and highly insulating.

Note: In joints less than 3/4" wide, closed-cell, polyethylene round rod may be used. In this case, it is important that a minimum chinking thickness of 1/4" be maintained over the entire surface of the joint. The

effect will necessarily be a convex shape over the round rod. Do not cut the round rod in half and place the cut side out to simulate TRI-ROD. The cut face will not release the chinking which may fail at the edges.

Chinking Application

Chinking can be applied with a bulk loading caulking gun, grout bag or commercial chink pump. Do not thin this product with water. Apply bead of Weatherall 1010 Chinking as needed to cover the joint. The applied bead should be firmly troweled into the joint edges to ensure complete edge adhesion. Use of a 50/50 mixture of isopropyl alcohol and water in a spray bottle will act as a release agent allowing the trowel to glide smoothly over the chinking. Do not spray release agent directly on the wood surface.

Note: UV GUARD Exterior Wood Finish, UV GUARD II Exterior Wood Finish or LOG GUARD Interior Clear Coat should be applied prior to chinking for two reasons:

- 1) They act as a primer and create a better bonding surface on which to chink. Pigmented stains subsequently applied will discolor chinking.
- 2) Maintenance coats of Clear LOG GUARD, UV GUARD or UV GUARD II will not discolor the chinking.

Chinking should not be applied for at least 48 hours after application of LOG GUARD Interior Clear Coat, UV GUARD Exterior Wood Finish or UV GUARD II Exterior Wood Finish.

Application Guide

Weatherall Company, Inc. has prepared a detailed chinking application guide for use in application of its products. This guide is free from your Weatherall representative and provides more detailed instructions.

AVAILABILITY / SUPPORT

Weatherall products are available from the manufacturing plant and distribution centers, as well as a national network of distributors. Weatherall Company, Inc. will gladly provide technical support upon request.

LIMITED LIFETIME WARRANTY

Warranty Statement:

Weatherall Company, Inc. warrants satisfactory results from the use of 1010 Chinking when installed in accordance with the application instructions provided by Weatherall.



Exceptions: This warranty does not cover failures due to the following: Fire, flood, natural disaster or any other acts of God; improper storage, handling or installation; plumbing leaks, faulty construction or settling that would exceed the material's normal elasticity.

Claims Notification: Notification of claims must be made in writing to Weatherall Company, Inc. and accompanied by the sales receipt. If Weatherall 1010 Chinking is proved to have failed, Weatherall Company, Inc. at its own discretion, will replace failed material or refund the purchase price of the material only. Weatherall Company, Inc. reserves the right to inspect the jobsite by an authorized representative prior to settlement of any claims.

Weatherall's sole and complete responsibility for proved material failure is as set forth in this warranty. Weatherall Company, Inc. will not be held responsible for incidental, indirect or consequential damages including reinstallation labor. The user is solely responsible for determining the suitability of this product for its intended use prior to application. User assumes all risk and liability in connection therewith. Questions regarding this warranty should be directed to the nearest Weatherall representative.

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ESTIMATING GUIDE FOR CHINKING

FINISHED JOINT WIDTH @ 1/4"	PER 5 GAL. PAIL	PER 30 OZ. CARTRIDGE	PER 10.3 OZ. CARTRIDGE	BACKING USED
1"	385'	24'	8'	3/4" TRI-ROD
1 1/4"	308'	19'	6'	1" TRI-ROD
1 1/2"	257'	16'	5'	1" TRI-ROD
1 3/4"	220'	14'	5'	1 1/4" TRI-ROD
2"	192'	12'	4'	1 1/2" TRI-ROD
2 1/2"	154'	10'	3'	2" TRI-ROD

NOTE: Thickness of the joint should be 3/16" to 1/4". DO NOT EXCEED THICKNESS OF 1/4".