



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Boracol 20-2

Manufacturer: Sansin / Boracol

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SUPPLIED BY BC BUILDING PRODUCTS

8241 129 St, Surrey, BC V3W 0A6

604-540-9040 · sales@bcbp.ca · bcbp.ca

Boracol 20-2: A clear solution of 20% Disodium octaborate tetrahydrate in propylene glycol. It is designed for use as a surface treatment in-situ building material to eradicate fungal attack and preserve against attack from both fungus and wood boring insects. It penetrates 3-5mm into the wood and establishes a reserve from where further penetration takes place. Penetration rates may vary faster or slower depending to moisture content.

FEATURES

- Very low vapor pressure (Negligible loss of active ingredient by evaporation)
- Deep penetration into timber; even penetrates heartwood
- Practically odorless and non-staining
- Non-flammable
- Wider spectrum of activity than conventional preservatives

IMPORTANT

Product Data Sheets are based on "ideal" work conditions. Due to wood variability and varying environmental conditions, it is strongly recommended that the end-user needs to determine that the application conditions, coating product system, and techniques are suitable to reach the desired results. Please see Conditions of Sale.

APPLICATIONS

BORACOL 20-2 is a wood preservative which is fungicidal and insecticidal in its preventative action and fungicidal when used as an eradicant.

- As a surface treatment to eradicate dry rot, wet rot and white rot in-situ building material.
- As a surface treatment to preserve existing and new timbers against fungal and insect attack.

CHARACTERISTICS

- Coloring.....Colorless
- Odor.....None
- Form.....Liquid
- Disodium octaborate tetrahydrate 20% W/W (Na₂B₈O₁₃ · 4H₂O)
- Contains Environmentally Acceptable Propylene glycol
- Flashpoint.....Above 55°C
- Fire and Explosion.....Does not increase ignition point of wood
- Cleanup.....Soap and Water
- Corrosion.....None, may cause slight rusting of bare metals
- Viscosity.....58.0 sec +/- 2 sec Z#2
- Recommended spray tip15-17 thou
- Aggressiveness.....Doesn't attack glass, textiles, plaster, rubber, putty, mastics, sealants or paint systems.
- Adhesive Application.....Wood impregnated can be glued
- Shelf Life.....6-12 months in cool, dry conditions.
- VOC.....780 g/L

PACKAGING

Available in 1 and 5 US gallon containers and 50 US gallon drums.

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

Roof Timbers: Surface debris, dust and cobwebs must be removed and timbers thoroughly cleaned using an industrial vacuum cleaner. Insulation must be removed, water tanks and electrical junctions covered, ventilation ensured and common roof voices screened. Walking boards and safety lights should be installed.

Floor Timbers: Floor coverings must be carefully removed, timbers thoroughly vacuumed and sufficient access boards removed. Ventilation must be ensured without affecting adjacent areas with overspray.

Joinery: Painted architrave's and skirtages must be removed or pried away from the wall and the unpainted surfaces cleaned.

APPLICATION METHODS

- Can be applied by spraying to refusal or by injection.
- To reduce the loss of active ingredients in Boracol it is recommended to coat the wood using a wood protective coating that offers good water repellency.
- The drying time of Boracol is dependent on many factors including wood moisture content and environmental conditions. Consider this and test appropriately before applying any surface coatings.
- Before applying any surface coatings we recommend preventing moisture flow over the treated surface by shielding with a tarp as needed.
- Follow the manufacturers directions for use prior to applying surface coatings over Boracol including preparation steps such as sanding.

COVERAGE

- Rough Sawn timber (brush).....1 litre to approx 3m² surface
- Smooth prepared timber (brush).....1 litre to approx 3-4m² surface
- By spray (either surface).....1 litre to approx 3-4m² surface

Boracol®

ENVIRO STAIN®

NON
FLAMMABLE

DEEP
PENETRATING

EASY
CLEAN UP

PREVENTS
ROT





STORAGE

Store in original containers, tightly closed and in a safe place. Do not allow to freeze.

SAFETY

See Material Safety Data Sheet.

WARNING TO USERS

Keep out of reach of children. Keep away from animal feedstuffs. Before determining the most appropriate product it is necessary to specifically identify the source of the problem, so that the best method of treatment can be applied. Technical advice of this nature is available from your supplier or your local Technical Agent. 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.

CONDITIONS OF SALE

The only obligation of the manufacturer and seller shall be to replace such quantity of Sansin product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. User should determine suitability of product for the intended use before application. User assumes all risk and liability in connection therewith. This warranty is expressly made in lieu of any and all other rights, warranties, conditions and remedies, express or implied, including but not limited to any implied warranty or condition of merchantability, fitness for a particular purpose, and any warranty or condition arising out of a course of dealing, a custom or usage of trade. If any distributor or seller of product offers warranties or remedies which differ from those offered by Sansin, Sansin accepts no responsibilities for such warranties or remedies.

*On exterior exposed surfaces Boracol drying times will dramatically vary depending on environmental and substrate moisture conditions. Letting the substrate dry for a minimum of 24 hours and up to 2 weeks, is a possible requirement to prevent the Boracol from affecting the dry time of the surface coating.