



**BC BUILDING PRODUCTS**  
THE ENVELOPE SPECIALISTS

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TECHNICAL DATA SHEET

# Boracol 20-2BD

Manufacturer: Sansin / Boracol

The following pages are the manufacturer's original document,  
reproduced unaltered (revision not shown on document).

**SUPPLIED BY BC BUILDING PRODUCTS**

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**Boracol 20-2BD:** A clear solution of 19.6% Disodium octaborate tetrahydrate and 1.0% didecyl dimethyl ammonium chloride in propylene glycol and water. It is designed for use as a surface treatment in-situ building material to prevent and kill fungal attack and preserve against attack from both mould and wood boring insects. It penetrates 3-5mm into the wood and establishes a reserve from where further penetration takes place. It can also be used as an initial preventative treatment.

## 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 20-2BD is a wood preservative which is fungicidal and insecticidal with an added preventative mouldicidal effect; is fungicidal when used as a preventative treatment and fungicidal when used as an eradicant and effective in preventing mould on wood and stone as well as other absorbent surfaces.

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

## CHARACTERISTICS

- Coloring.....Colorless
- Odor.....Very Low
- Form.....Liquid
- Disodium octaborate tetrahydrate 19.6% W/W (Na<sub>2</sub>B<sub>8</sub>O<sub>13</sub>, 4H<sub>2</sub>O)
- Contains Environmentally Acceptable Propylene glycol
- Didecyl Dimethyl Ammonium Chloride (DDAC).....1.0%
- Flashpoint.....Above 107°C
- Viscosity.....108 sec +/- 5 sec Z#2
- Recommended spray tip .....15-17 thou
- Fire and Explosion.....Does not increase ignition point of wood
- Cleanup.....Soap and Water
- Corrosion.....None, may cause slight oxidizing of bare metals
- 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 skirtings must be removed or pried away from the wall and the unpainted surfaces cleaned.

## APPLICATION METHODS

- Can be applied by roller, spraying to refusal or by injection.
- Do not apply Boracol 20-2BD when raining or extremely high humidity.
- 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 manufactures 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 3m<sup>2</sup> surface
- Smooth prepared timber (brush).....1 litre to approx 3-4m<sup>2</sup> surface
- By spray (either surface).....1 litre to approx 3-4m<sup>2</sup> surface
- To prevent attacks.....3-6m<sup>2</sup>/litre
- To eradicate established attacks.....2-3m<sup>2</sup>/litre
- Fungi in wood.....1m<sup>2</sup>/litre\*
- Insect attacks.....1m<sup>2</sup>/litre\*

\*Divide between two applications.

\*(If wood is already attacked by fungi, mold or insects, it may absorb more per m<sup>2</sup>)

The Boric Acid equivalent is 1.2 times the amount of Boron in Boracol 20-2BD. (Approx. 24% Boric Acid equivalent)

# 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.

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