



## **BORACOL 10-2BD INORGANIC BORON WOOD PRESERVATIVE**

---

### **DESCRIPTION**

BORACOL 10-2BD is a clear solution of 9.8% Disodium octaborate tetrahydrate and 2.0% didecyl dimethyl ammonium chloride in propylene glycol and water. It is designed for use as a surface treatment in-situ building material to prevent 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 (40mm in 2 years has been demonstrated). It can also be used as an initial preventative treatment.

---

### **APPLICATIONS**

BORACOL 10-2BD is a wood preservative which is mouldicidal, fungicidal and insecticidal when used as a preventative treatment and highly effective in preventing mould on wood and stone as well as other absorbent surfaces.

Precaution is to be taken when used where building material may be sensitive to surfactants.

- A) As a surface treatment to prevent 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.
- C) As a surface treatment to prevent mould growth, etc.

---

### **CHARACTERISTICS**

- ◆ Coloring..... Colorless
- ◆ Odor..... Very Low
- ◆ Form ..... Liquid
- ◆ Disodium octaborate tetrahydrate ..... 9.8% 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)..... 2.0%
- ◆ Flashpoint ..... Above 150°C
- ◆ Fire and Explosion ..... Does not increase ignition point of wood
- ◆ Cleanup..... Soap & water
- ◆ Corrosion..... None, may cause slight oxidizing of bare metals
- ◆ Aggressivity ..... 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

---

### **PRODUCT BENEFITS**

- ◆ Very low mammalian toxicity
- ◆ 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

---

**PACKAGING** Available in 1, 3, and 5 US gallon containers and 50 US gallon drums.

---

**PREPARATION**

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 voids 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 over spray.

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

---

**APPLICATION METHODS** BORACOL 10-2BD may be applied by brushing, dipping, spraying to refusal or by injection. Do not apply Boracol 10-2BD when raining or extremely high humidity.

---

**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
Mould and 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, mould or insects, it may absorb more per m<sup>2</sup>)

1) The Boric Acid equivalent is 1.2 times the amount of Boron in Boracol 10-2BD. (Approx. 12% Boric Acid equivalent)

---

**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 foodstuffs.  
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.