



BORACOL 20-2BD INORGANIC BORON WOOD PRESERVATIVE

DESCRIPTION

BORACOL 20-2BD is 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 (40mm in 2 years has been demonstrated). It can also be used as an initial preventative treatment.

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
- ◆(Na₂ B₈ O₁₃, 4H₂O)
- ◆ Contains Environmentally Acceptable..... Propylene glycol
- ◆ Didecyl Dimethyl Ammonium Chloride (DDAC)..... 1.0%
- ◆ Flashpoint..... Above 107°C
- ◆ Fire and ExplosionDoes 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 acute mammalian toxicity
- ◆ Very low vapor pressure (Negligable loss of active ingredient by evaporation)
- ◆ Deep penetration into timber; even penetrates heartwood

- ◆ Practically odorless and non-staining
- ◆ Non-Flamable
- ◆ Wider spectrum of activity than conventional preservatives

PACKAGING	Available in 1, 3, and 5 US gallon containers and 50 US gallon drums.																					
PREPARATION	<p><u>Roof Timbers</u> 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.</p> <p><u>Floor Timbers</u> Floor coverings must be carefully removed, timbers thoroughly vacuumed and sufficient access boards removed. Ventilation must be ensured without affecting adjacent areas with overspray.</p> <p><u>Joinery</u> Painted architrave's and skirtages must be removed or pried away from the wall and the unpainted surfaces cleaned.</p>																					
APPLICATION METHODS	BORACOL 20-2BD may be applied by brushing, dipping, spraying to refusal, or by injection. Do not apply Boracol 20-2BD when raining or extremely high humidity.																					
COVERAGE	<table> <tr> <td>Rough sawn timber (brush)</td> <td>1 litre to approx.</td> <td>3m² surface</td> </tr> <tr> <td>Smooth prepared timber (brush)</td> <td>1 litre to approx.</td> <td>3-4m² surface</td> </tr> <tr> <td>By spray (either surface)</td> <td>1 litre to approx.</td> <td>3-4m² surface</td> </tr> <tr> <td>To prevent attacks</td> <td></td> <td>3-6m²/litre</td> </tr> <tr> <td>To eradicate established attacks</td> <td></td> <td>2-3m²/litre</td> </tr> <tr> <td>Fungi in wood.....</td> <td></td> <td>1m²/litre*</td> </tr> <tr> <td>Insect attacks</td> <td></td> <td>1m²/litre*</td> </tr> </table> <p>*Divide between two applications.</p> <p>* (If wood is already attacked by fungi, mould or insects, it may absorb more per m²)</p> <p>1) The Boric Acid equivalent is 1.2 times the amount of Boron in Boracol 20-2BD. (Approx. 24% Boric Acid equivalent)</p>	Rough sawn timber (brush)	1 litre to approx.	3m ² surface	Smooth prepared timber (brush)	1 litre to approx.	3-4m ² surface	By spray (either surface)	1 litre to approx.	3-4m ² surface	To prevent attacks		3-6m ² /litre	To eradicate established attacks		2-3m ² /litre	Fungi in wood.....		1m ² /litre*	Insect attacks		1m ² /litre*
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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.

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