

DESCRIPTION:

BT Secure-Wood is a water-based, VOC compliant, ULC Class “A” and ASTM E-84 rated fire retardant penetrating treatment. It is designed for interior use on unsealed/untreated wood and fibrous cellulose materials. Suitable for interior applications requiring a flame spread of 25, or less, when tested in accordance with CAN/ULC S-102 and ASTM E-84-09. Ideal for structures and surfaces required to conform to building codes and fire regulations.

BT Secure-Wood dries to a matte finish and often enhances the wood grain finish.

FEATURES:	BT Secure-Wood may be applied to:
<ul style="list-style-type: none"> * Ready-To-Use and water-based * Intumescent fire retardant for unsealed wood * Interior fire retardant for wood & cellulose materials * Durable and enhances wood lustre * Clear & VOC compliant * Meets CAN/ULC-S102 and ASTM E-84 	<ul style="list-style-type: none"> • Vertical and horizontal wood frames, studs and panels • Unsealed wall panelling, barn boards, planks • Decorative wood interiors • Base treatment for refinished surfaces • Wooden scaffolding • Cellulose materials - bamboo, tiki thatch, hay, cardboard

PROPERTIES		PACKAGING
Appearance	- clear liquid	4 x 1 gal jug = 44 lbs [4 x 4 L = 20 Kg]
VOC Level	- 79 ppm/0.078 g/L	5 gal pail = 50 lbs [20 L pail = 22.5 Kg]
Specific Gravity	- 1.16 - 1.28	55 gal drum = 460 lbs [210 L drum = 208 Kg]
Shelf Life	- 12 mths - tightly closed container, stored in a dark cool dry place	

APPLICATION:

Always pre-test before full use.

The surface must be unsealed/untreated, free of oil, grease, dust, dirt and varnishes, including mill glaze, in order for the BT Secure-Wood to be fully absorbed into the wood.

Method: - Application methods include, brush, roll, dip, or spray with a conventional or airless sprayer.

Coverage - 160-180 sq.ft./gal (16-18 m²/4L) and touch dry in between 3-coat applications.
 - Approximate coverage per 5 gal is ~800 sq.ft. (20 L is ~80 m²), or 1 gal is 150-180 sq.ft. (4 L ~50-60 m²).

Film Thickness - wet @ 7-8 mil, dry @ 3-4 mil

Drying Time - @ 77°F (25°C) with 50% RH (relative humidity) - to touch, 1 to 2 hours; to handle, 4 to 5 hours; to apply top coat, 24 hours. *The drying time will be dependent on the coating thickness, substrate absorption rate, temperature and humidity.*

CAUTION:

ALWAYS TEST BEFORE USE. Ensure adequate ventilation. Do not apply temperatures under 50°F (10°C). Do not apply to material that will not absorb the solution. Avoid contact with metals and metallic paint finishes. Avoid contact with skin and eyes. ALWAYS wear appropriate PPE, such as gloves and protective glasses. DO NOT TAKE INTERNALLY. If swallowed, drink large quantities of water. Contact a physician. KEEP OUT OF REACH OF CHILDREN. KEEP FROM FREEZING. DO NOT USE if the product freezes.



LIMITED LIABILITY:

The manufacturer warrants the product meets and complies with the specification and codes. The technical data are accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. Since materials treated and methods of application are beyond our control, the Customer/Applicator must determine suitability of this product for the intended use. Belvia Technologies Inc. assumes no liability for improper use or misapplication of the product. *Read and observe all recommended safety and handling procedures.*