

Construction Resources



HOLZWEG VOLVOX TECHNICAL SHEET V2

UV PRIMER

Uses VOLVOX UV Primer is a fast drying, deeply penetrating primer, formulated especially for exterior wooden surfaces to be treated with Volvox UV Varnish or Holzweg varnish. 100 % UV protection is obtained in combination with VOLVOX UV Varnish.

Properties VOLVOX UV Primer uses natural oils and resins to penetrate deeply into the timber to help nourish it from within the timber structure. It also helps to prevent timber damage by insects and fungi due to the inclusion of organoboron compounds which are tested to British Standard BS 3900, part G6. The organoboron compound reacts with moisture contained in the wood and becomes boron acid. The boron acid cannot crystallise on the surface of the wood due to a binder which fixes the boron acid. A high UV protection is obtained with a UV absorber of a silicate base in combination with micro titanium oxide (diameter < 0.018 mm) acting as a UV scatterer. VOLVOX UV Primer is not suitable for wood that is subjected to extreme rainfall, rising damp or wood that is directly in water.

Colour clear, transparent

Containers 0.125, 0.75, 2.5 and 10 litres

Coverage 7 -10 m² per litre depending on absorbency of background

Preparation The surface should be free of any surface coating such as old paint or varnish and be clean, grease free, absorbent and dry. In the case of non European timbers, the fat should be removed with an alcohol thinner. The primer should be stirred well before use. Do not apply at temperature below 8 degrees centigrade.

Application Apply 2 coats of primer. Lightly sand the first coat before applying the second. Then apply the VOLVOX UV Varnish.

Drying time Depending on the temperature and the relative humidity, it is touch dry after approximately 6 hours. Allow 24 hours drying time between coats.

Ingredients Wood oil, boiled linseed oil, soya-based alkyd, isoparaffin, citrus terpenes, eucalyptus terpenes, pine oil, organoboron compound, lead free drying agents, micro titanium oxide, boiled wood oil and copal mixture

Technical

data Specific weight (density): 0.95 g/ml; solid material content: 23% by weight;
viscosity (20 °C): 13 sec for 4 mm DIN container

Risk class None

Safety This product is inflammable and easily ignited! While working do not smoke and ensure that there is no naked flame in the vicinity. During and after application keep the room well ventilated. Primer impregnated cloths should not be left lying around as they could self-ignite. Spread cloths out to dry outdoors, completely unfolded.
Keep primer tins sealed and out of the reach of children.
When disposing, it is best to allow the primer to dry out first.

This technical information sheet is intended to provide guidelines for retailers and users. However, the user is responsible for testing the product on the intended surface to make sure that it is suitable for his or her requirements. This sheet was issued in October 2001 and may be superseded by later editions.

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