



UNIT B3
SOUTH GYLE CRESCENT LANE
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VALTTI AKVACOLOR

DESCRIPTION

Waterborne semi-transparent matt wood finish for use on exterior wood. Available in many attractive colours. Valtti Akvacolor penetrates and enhances the natural beauty of wood whilst retarding the adverse effects of moisture, UV-light and microbial growth.

EXAMPLES OF USE

Timber cladding, weatherboarding, windows, facias, fencing, sheds, garden furniture, log cabins, etc.

TECHNICAL DATA

Solids Volume: approx. 22% depending upon the colour.
Density: 1.0 kg/l
Can sizes: 0.9l, 2.7l, 9l

EU VOC 2004/42/EC-limit
value

(cat A/f) 130g/l(2010)

SPECIFICATIONS

Preparation

Surfaces must be clean, dry and free from grease, dirt, oil, wax, all loose material and surface contamination. Use recommended Tikkurila products for mould removal and cleaning. Fill cracks, joints, nail holes, etc. with a good quality wood filler. Ensure that existing glossy, previously stained and filled surfaces are thoroughly flattened down so as to ensure adequate impregnation of Valtti Akvacolor in to the surface of the wood. Make sure that timber cladding, weatherboarding and timber glazing beads, etc. are adequately fastened with non-corrosive fixings. Valtti Akvacolor is not recommended for use with linseed oil putty. Good quality non-setting glazing compounds which form a protective skin should be used in accordance with manufacturers instructions. Particular attention with regards to preparation should be given to wood such as Oak, Teak, Cedar, Douglas Fir, Mahogany and Idigbo, etc. which contain oil and water soluble tannin which may impair the drying, hardening or adhesion of surface coatings.

Priming

A priming coat of Valtti Base should be applied to all exterior wood which has not been pre-treated or vacuum impregnated with an approved wood preservative. Apply liberally on end grain.

APPLICATION

Methods: brush or spray.
For airless spray: use a 0.009" – 0.013" spray tip.
Note: polyester and nylon paint brushes are best suited for the application of Valtti Akvacolor.

Painting Conditions

All surfaces to be painted must be dry, the moisture content of the wood below 20%, the temperature of the air at least +5°C, and the relative humidity of the air below 80%.



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Painting	Stir thoroughly before and during use. Apply two coats of Valtti Akvacolor overall, working in the direction of the wood grain. Apply liberally on the end grain. Protect plants from splashes of Valtti Akvacolor and Valtti Base.
Coverage	Smooth wood: 8-12 m ² /litre per coat. Sawn wood: 4-8 m ² /litre per coat. Actual spreading rates will depend upon many factors including texture, porosity and moisture content of the substrate.
Drying Times	At 23 ^o C and 50% relative humidity of the air: touch-dry after 2-3 hours and recoatable after 24 hours. Low temperature and high humidity will make drying times longer.
Cleaning of Tools	Clean with water immediately after use.
MAINTENANCE	Depending upon exposure and elevation, two coats of Valtti Akvacolor are normally sufficient after 3-5 years.
PREVENT ENVIRONMENTAL DAMAGE	Empty cans should be recycled or disposed of in accordance with local regulations. Liquid waste should be destroyed according to the local regulations.
HEALTH AND SAFETY CLASSIFICATION according to EC Directive 99/45/EC	Contains: 3-Iodo-2-propynyl butylcarbamate (0,9 w-%) and cobalt octoate. May produce an allergic reaction. Avoid contact with skin. Use only in well ventilated areas. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children. A Material Safety Data Sheet is available on request. Material Safety Data Sheet - VALTTI Akvacolor
TRANSPORT	ADR/RID - Protect from frost.

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