



TIKKURILA

VALTTI COLOR SATIN

THIXOTROPIC SEMI-TRANSPARENT EXTERIOR WOOD FINISH**DESCRIPTION**

Semi-transparent satin wood finish for exterior wood. Available in many attractive colours. Valtti Color Satin penetrates well into the timber and protects wood against weathering by slowing down moisture penetration and the effects of sun light.

RECOMMENDED USES**PRODUCT FEATURES**

Timber cladding, doors, windows, fencing, sheds, garden furniture, log cabins. Valtti Color Satin is suitable for untreated wood as well as previously treated wood.

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TECHNICAL DATA

Base paints	EC BASE
Gloss	Semi-matt.
Coverage	Planed wood: 8-12m 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.
Can sizes	0.9 l, 2.7 l, 9 l, 18 l
Application method	brush or spray. For airless spray: use a 0.009" – 0.013" (0.23 – 0.33mm) spray tip.
Drying time (23°C and 50% relative air humidity)	At 23°C and 50% relative humidity of the air: normally touch- dry after 4-8 hours and recoatable after 24 hours.
Density (kg/l)	0.9 kg/l
Volume solids (%)	30

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APPLICATION INSTRUCTIONS

Application 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%.

Surface 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 treated and filled surfaces are thoroughly flattened so as to ensure adequate penetration of Valtti Color Satin into the surface of the wood. Make sure that timber claddings etc., are adequately fastened with non-corrosive fixings. Valtti Color Satin 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 Iroko, 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 as early as possible in the manufacturing stage to all exterior wood which has not been pre-treated or vacuum impregnated with an approved wood preservative. Apply carefully on end grains.

Stir Valtti Color Satin thoroughly and then let it stand for a while before use, so that the paint will turn back into an easy brushable gel. Apply Valtti Color Satin smoothly using a brush or spray. After spraying it is recommended that Valtti Color Satin will be brushed to a smooth finish. Apply a test sample onto the wooden surface to be treated.

Apply two coats onto sawn timber, apply one full coat or two thin coats onto planed panels and log surfaces. For new wooden surfaces apply 1-2 coats. The first application can be made when the primer has dried. If two coats are to be applied, dilute the first coat of Valtti Color Satin by up to 30% with Valtti Base and apply the second coat undiluted. Ensure that all end grains are carefully coated so that Valtti Color Satin penetrates into the wood.

Two coats of tinted Valtti Color Satin will give a stronger colour shade. The final colour will depend upon the number of coats applied, absorbency of the wood, the colour of the surface, application method and thinning.

Valtti Color Satin is recommended to be used only when tinted.

Reserve enough tinted Valtti Color Satin for a uniform surface and combine the cans to avoid possible colour differences.

Application onto log surfaces must be done so, that no thick surface film will be formed.

Maintenance instructions

Check the condition of all surfaces regularly and maintain when ever necessary. Maintenance will depend upon location, compass orientation and weathering.

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.