

VALTTI OPAQUE

DESCRIPTION Semi-matt low-odour special alkyd-reinforced acrylate paint for use on exterior wood surfaces. Offers good weather resistance, flexibility and an extremely durable low-maintenance finish. Valtti Opaque is moisture regulating and will not crack, peel or blister.

EXAMPLES OF USE Exterior claddings, weatherboarding, windows, doors, log cabins, fencing, sheds, and garden furniture, etc. Valtti Opaque can be used for repainting surfaces previously coated with alkyd paint or wood stains.

TECHNICAL DATA

Solids Volume:	approx. 37%, depending upon the colour
Density:	1.2 kg/l, ISO 2811
Base Paints:	VVA and VC

Colour Range Available in white, Tikkurila Vinha and Façade Colour Collections.
Note: The colour shade will not fully develop until the paint is completely dry.

SPECIFICATIONS

Preparation Surfaces must be clean, dry, and free from grease, dirt, oil, wax, rust, all loose material and surface contamination. Use recommended Tikkurila products for mould removal and cleaning. Treat knots and resinous areas with Tikkurila Knotting Lacquer. Use recommended Tikkurila fillers for filling cracks, nail holes, blemishes, etc. Ensure that existing glossy, gloss painted and filled surfaces are thoroughly flatted down. Ensure that all surfaces are thoroughly prepared prior to priming and painting. Make sure that timber cladding, weatherboarding and timber glazing beads, etc. are adequately fastened with non-corrosive fixings.

Note: Discoloration of paint especially noticeable within light colours may occur over knots and resinous areas present in the wood. 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 and discolour the finished surface.

Priming Prime new bare wood overall and spot prime all bare areas on previously painted wood with Valtti Base Priming Oil.

Use Unica Adhesion Primer or Otex on joinery wood that contains substances which may 'bleed through' and cause staining to the finished surface.

Prime all bare metal and potential rust spots with Unica Metal Primer or Rostex Super.

Note: 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 preservative. Apply liberally on end-grain.

APPLICATION Methods: brush or spray. Polyester and nylon paint brushes are best suited for the application of Valtti Opaque.

For airless spray: use a 0.018" – 0.023" spray tip.

Thinning: if necessary by up to 10% with water.

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%.

Painting Stir the paint thoroughly and apply two coats of Valtti Opaque overall.

Coverage	Smooth wood: 8-10 m ² /l per coat. Sawn wood: 4-8 m ² /l per coat. Wet-film thickness approximately 100-250µm per coat, dry-film approximately 40-100µm per coat. Actual spreading rates will depend upon many factors including texture, porosity and moisture content of the substrate.
Drying Times	At 23°C and 50% relative humidity of the air: normally touch-dry in one hour and recoatable after 2 hours. Low temperatures and high humidity will make drying times longer.
Cleaning of Tools	Clean with water immediately after use.

ENVIRONMENTAL

Dry, empty sales packaging can be recycled or disposed of in accordance with local regulations. Avoid spillage into drains, water systems and soil. Any product remaining unused and dried paint waste must be disposed of as hazardous waste.

HEALTH AND SAFETY**CLASSIFICATION**
according to EC Directive
99/45/EC

Irritant, Xi

Contains: Octyl-isothiazolone, iodopropynyl butyl carbamate (0.14%) and zinc oxide. **MAY CAUSE SENSITIZATION BY SKIN CONTACT. HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.** Avoid contact with skin. Wear suitable protective gloves. If swallowed, seek medical advice immediately and show this container or label. Do not breathe vapour/spray. Use only in well ventilated areas. Do not empty into drains. Keep out of reach of children.

A material safety data sheet is available on request.

STORAGE AND TRANSPORT CLASSIFICATION

Protect from frost.

ADR/RID -

mi201106/lko191106/akk301006/300-s