

VALTTI OPAQUE

DATA SHEET

01/01/2004

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DESCRIPTION

Semi-matt low-odour special alkyd-reinforced acrylate paint for use on exterior wooden 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
Base Paints: VVA and VC

Colour Range

Available in white, the complete Tikkurila Professional and Faade Colour Collections, plus most of the British Standard, RAL and NCS Colour Ranges. 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 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 m²/l per coat. Sawn wood: 4-8 m²/l per coat. Wet-film thickness approximately 100-250 μm per coat, dry-film approximately 40-100 μm 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.

MAINTENANCE

Depending upon exposure and elevation, one coat of Valtti Opaque is normally sufficient after 5-7 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 for hazardous waste.

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

Irritant, Xi. Contains: Octylisothiazolone.
May cause sensitization by skin contact.
A material safety data sheet is available on request.

TRANSPORT

ADR/RID-. Protect from frost.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

Manufacturer: TIKKURILA PAINTS OY, PO Box 53, 01301 Vantaa, Finland.

