

VALTTI TEHO

DATA SHEET

01/01/2004

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DESCRIPTION

Semi-matt thixotropic oil-based paint for use on exterior wood which offers good weather resistance, flexibility and durability.

EXAMPLES OF USE

Timber cladding, weather-boarding, doors, windows, sheds and garden furniture etc. Valtti Teho can be used for repainting surfaces previously coated with alkyd paints and wood stains.

TECHNICAL DATA

Solids Volume: approx. 50%, depending upon the colour.

Density: 1.1 kg/l

Base Paints: A and C

Colour Range

Available in white, in most of the Tikkurila Professional and Façade Colour Collections, plus most of the British Standard, RAL and NCS Colour Ranges.

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 flattened down. Ensure that all surfaces are thoroughly prepared prior to priming and painting.

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.

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 wood preservative.

Apply liberally on end-grain.

APPLICATION

Methods: brush or spray application.

Thinning: if necessary by up to 5% with white spirit.

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 Teho overall.

Coverage

Smooth wood: 8-12 m²/litre per coat. Sawn wood: 4-8 m²/litre 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: dry after approximately 12 hours and recoatable after 24 hours. Low temperatures and high humidity will make drying times longer.

Cleaning of Tools

Clean immediately after use with white spirit.

MAINTENANCE

Depending on exposure and elevation, one coat of Valtti Teho is normally sufficient after 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 for hazardous waste.

HEALTH AND SAFETY CLASSIFICATION

according to
EC Directive 99/45/EC

Contains: Naphtha (hydrotreated heavy), methylethylketoxime, tolylfuranide and cobalt octoate.

Flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May produce an allergic reaction.

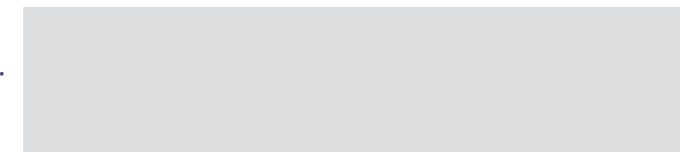
A Material Safety Data Sheet is available on request.

TRANSPORT

ADR/RID-

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.



Call Centre

Tikkurila Paints Call Centre in the UK - tel.: (+44) 0131 334 4999

