

Valtti Plus Kesto Wood Stain

DESCRIPTION	Extremely durable exterior wood stain based on modified acrylate binder and with good UV protection. Forms a semi-matt, water-repellent wood protecting surface. Protects the wood against weathering and retards the adverse effects of moisture and sunlight.
PRODUCT FEATURES	Extremely durable exterior wood stain based on modified acrylate binder and with good UV protection. For laminated log, sawn and planed wood surfaces, impregnated wood surfaces and thermally treated wood surfaces outdoors according to instructions for use.
RECOMMENDED USES	Timber cladding, laminated log surfaces and fences, as well as exterior window frames and doors. Untreated wood structures or wood structures previously treated with translucent wood finish.



TECHNICAL DATA



Base paints	EP and OPP (Super Color)
Colour Range	Use the product tinted according to the Tikkurila Super Color or Valtti color card. The final color can be seen as soon as the surface is dry. The best weather resistance and intense color can be achieved by using Super Color colors.
Gloss grade	Semi-matt
Coverage	Sawn surface 4-8 m ² /l. Planed and log surface 8-12 m ² /l.
Can sizes	0.9 l, 2.7 l, 9 l
Thinner	Water
Application method	Brush.
Drying time at 23°C and 50% relative air humidity	The surface is touch-dry after 2-4 hours and recoatable after 24 hours.
Solids volume	Approx. 33 % depending on color
Density	Approx. 1.0 kg/l, ISO 2811.
Storage	Protect from frost! Close the can carefully for the next time it is used. Once opened, a can cannot be stored for a long period of time. Use the content of opened can during the same painting season as the product characteristics may vary in half-empty cans.

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APPLICATION DETAILS

Application conditions	The surface to be treated must be dry and the moisture content of the wood below 20%. The temperature of the air, surface and wood finish must be at least +5°C, and the relative humidity of the air below 80% during painting and drying. The working properties are at their best at a calm, cloudy dry weather with temperature +10 - +20°C.
Preparation	Untreated surface: Clean the surface from dirt, dust and loose material with steel or scrubbing brush. Wash moldy surfaces with Tikkurila Homeenpoisto Mould Removal or Tehopesu Super Clean according to instructions. Prime surfaces at the earliest possible stage of construction with Valtti Pohjuste or Valtti Plus Base. Protect plants from splashes of primer. Surface treated previously with translucent wood finish: Remove loose material and wood turned grey with a scraper and/or steel brush. Clean the surface and wash with Homeenpoisto Mould Removal or Tehopesu Super Clean, if necessary. Prime bare wood surfaces with Valtti Pohjuste or Valtti Plus Base. If a clear possibly glossy film remains on the wood surface, roughen the surface by sanding.
Painting	Reserve enough tinted Valtti Plus Kesto for one uniform surface, mixed in one can, to avoid possible color differences. Stir thoroughly before use and from time to time during use. Apply Valtti Plus Kesto evenly and continuously along the length of a log or few boards to avoid overlapping. The product dries quickly. Apply the product enough to form a clear layer. Apply liberally on the end grain. Apply two coats on new surfaces and in maintenance painting 1-2 coats. Check the condition of the treated surface and make maintenance treatment when necessary, as soon as the product starts to wear off from the surface. The maintenance interval is affected by the location and direction of the object as well as weather conditions.
Cleaning of tools	Clean tools with soap (or similar detergent) and rinse with water. Tikkurila Pensselipesu (Tool Cleaner) is recommended for removal of hardened finish.
Maintenance instructions	Handle the painted surface with care as the product achieves its final hardness and durability in normal conditions in about four weeks. If cleansing is needed soon after treatment, use a soft brush, a mop or a damp cleaning cloth. Earliest after one month from painting a soiled surface can be cleansed with Huoltopesu (1 part of Huoltopesu to 10 parts of water). Clean stains and dirty surfaces with a stronger solution of Huoltopesu and water (1:1). Rinse well and allow to dry.
EU VOC 2004/42/EC-limit value	(Cat A/e) 130 g/l (2010) Valtti Plus Kesto contains VOC max. 130 g/l.

HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008	Harmful to aquatic life with long lasting effects. Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), 2-octyl-2H-isothiazol-3-one and 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction. Wear protective gloves. Avoid release to the environment. A Safety Data Sheet is available on request. Safety data sheet
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ENVIRONMENTAL and WASTE DISPOSAL Avoid spillage into drains, water systems and soil. Recycle empty, dry cans or dispose them of in accordance with local regulations. Destroy liquid waste according to the local regulations for hazardous waste.

TRANSPORT VAK/ADR -

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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.



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