



TIKKURILA

# VALTTI AKVACOLOR

EXTERIOR WOOD STAIN

## DESCRIPTION

Natural oil-based water-borne stain, the binder of which is vegetable oil alkyd. Absorbs well into wood. Protects the wood from weathering by slowing the impacts of humidity and sunlight. More durable Super Color shades containing transparent pigments available with the OP base paint.

## RECOMMENDED USES

Exterior walls and fences. Wood structures that are untreated or previously treated with wood stains.

## PRODUCT FEATURES

Suitable for exterior log surfaces, smooth and sawn wood surfaces, impregnated and thermally modified wood surfaces, used according to instructions.

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### TECHNICAL DATA

<b>Base paints</b>	EP BASE, OP BASE
<b>Colour Shades</b>	<b>Color cards:</b> Valtti - Semi-transparent wood finishes. Can be tinted in Tikkurila translucent exterior colors.
<b>Coverage</b>	Sawn wood: 4-8 m <sup>2</sup> /l. Smooth wood: 8-12 m <sup>2</sup> /l.
<b>Can sizes</b>	EP BASE: 0.225 l, 0.9 l, 2.7 l, 9 l, 18 l, 1000 l OP BASE: 0.225 l, 0.9 l, 2.7 l, 9 l
<b>Application method</b>	Brush, spray.
<b>Drying time (23°C and 50% relative air humidity)</b>	The surface is touch-dry after 2-3 hours. The next treatment can be carried out after 24 hours. Avoid mechanical stress for the first few days because the surface has not yet reached its final hardness.
<b>Density (kg/l)</b>	approx. 1.0 kg/l, ISO 2811
<b>Volume solids (%)</b>	22
<b>VOC</b>	(cat A/e) max. 130 g/l (2010). Valtti Akvacolor contains VOC max. 130 g/l.
<b>Storage</b>	Protect from frost. Badly closed or short cans endure badly long-time storage. Use opened product during same painting season since product properties change in short container. Protect from frost

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## APPLICATION INSTRUCTIONS

### Application conditions

All surfaces to be treated must be dry, the moisture content of the wood must be below 20%. The temperature of the air, surface and wood finish should 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.

### Surface preparation

Untreated surfaces:

Clean the surface from dirt, dust and loose material with a steel or scrubbing brush. Wash moldy surfaces with Tikkurila Homeenpoisto mold removal or Tehopesu Super Clean according to the instructions. Prime surfaces at the earliest possible stage of construction with Valtti Pohjuste or Valtti Plus Base. Protect plants from splashes of primer.

Surfaces that have previously been treated with a semi-transparent product:

Remove loose material and wood that has turned gray with a scraper and/or steel brush. Clean the surface and wash with Homeenpoisto mold removal or Tehopesu Super Clean, if necessary. Prime bare wood surfaces with Valtti Pohjuste or Valtti Plus Base. If a clear possibly gloss film remains on the wood surface, remove it or at least sand carefully.

### Priming

In as early construction stage as possible a priming coat of Valtti Base or Valtti Akvabase 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.

Reserve enough tinted Valtti Akvacolor for a uniform surface, mixed in one container, to avoid possible color differences. Stir Valtti Akvacolor thoroughly before and occasionally during use.

Apply Valtti Akvacolor evenly and continuously along the entire length of a log or few boards to avoid overlapping. Treat the end grains with particular care.

Treat the surfaces twice, with thin layers on planed and log surfaces. Always use a tinted product for the treatment of a new surface.

Check the condition of the treated surface and perform maintenance treatment as necessary, when the surface of the stain starts to wear out. The maintenance interval is affected by the location, point of compass and weather conditions, among other things. Check the condition of the log surface and the functionality of the log structure before finishing. For more information, go to:

[http://www.tikkurila.com/decorative\\_paints/instructions/exterior\\_painting/log\\_surfaces](http://www.tikkurila.com/decorative_paints/instructions/exterior_painting/log_surfaces)

### Cleaning of tools

Clean the tools with water and soap Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

### Maintenance instructions

Handle the painted surface with care as the product achieves its final hardness and durability in about four weeks under normal conditions. If cleansing is needed soon after treatment, use a soft brush, a mop or a damp cleaning cloth.

One month after painting at the earliest, a soiled surface can be cleansed with Huoltopesu maintenance cleaner (1 part of Huoltopesu to 10 parts of water). Clean stains and very dirty surfaces with a stronger solution of Huoltopesu and water (1:1). After washing rinse with water and let dry.

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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## Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations. Note! Risk of self-ignition of used cleaning rags, paper wipes etc. Contaminated materials can create fire some hours later and should be soaked in water and placed in a closed metal container before disposal.

## Health and Safety

Harmful to aquatic life with long lasting effects. Contains 1,2-benzisothiazol-3(2H)-one (BIT) and 3-iodo-2-propynyl butylcarbamate (IPBC). May produce an allergic reaction. Avoid release to the environment. Wear protective gloves.

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