



TIKKURILA

## VALTTI ARCTIC

TINTABLE PEARLESCENT WOOD STAIN

- DESCRIPTION** Water-borne, natural-oil-based pearlescent wood stain bound with vegetable oil alkyd. Protects the wood against weathering and slows the absorption of moisture and protects against sunlight.
- RECOMMENDED USES** For exterior walls, fences and environmental construction. For untreated wood structures or structures 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.



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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### TECHNICAL DATA

<b>Base paints</b>	EP BASE
<b>Colour Shades</b>	<b>Color cards:</b> Arctic. Can be tinted in Tikkurila translucent Arctic colors.
<b>Coverage</b>	Sawn wood: 4–8 m <sup>2</sup> /l. Planed wood and log surfaces: 8–12 m <sup>2</sup> /l.
<b>Can sizes</b>	0.9 l, 2.7 l, 9 l
<b>Application method</b>	Brushing.
<b>Drying time (23°C and 50% relative air humidity)</b>	The surface is touch-dry after 2-3 hours. You can apply the next coat in one day. Avoid mechanical stress during the first days after application, as the surface has not achieved its final hardness yet.
<b>Density (kg/l)</b>	Approx. 1.0 kg/l, ISO 2811.
<b>Volume solids (%)</b>	26
<b>VOC</b>	(cat A/e) max. 130 g/l (2010). Valtti Arctic contains VOC max. 130 g/l.
<b>Storage</b>	Protect from frost. Close can carefully for next use. Use opened product during same painting season since product properties change in short container.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be treated must be dry and the moisture content of the wood below 20%. During painting and drying, the temperature of the air, surface and wood finish must be at least +5 °C, and the relative humidity of the air below 80%. The working properties are at their best in calm, cloudy dry weather in temperatures of +10 to 20 °C.

### Surface preparation

Untreated surface:

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

Surfaces previously treated with wood stain:

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 Akvabase. If a clear, potentially glossy film remains on the wood surface, remove it or at least sand the surface carefully.

### Application

For a continuous surface, reserve enough tinted Valtti Arctic mixed in a single can to avoid possible color differences. Stir Valtti Arctic well before use and now and again during application.

In order to avoid overlaps, apply Valtti Arctic continuously and evenly for the entire length of the log or a few boards at a time. Treat the end grains of wood with particular care.

Treat the surfaces twice, with thin layers on planed and log surfaces. Always use tinted product for protecting new surfaces.

Monitor the condition of the coating and retreat if the coating begins to wear off. The maintenance interval is affected by the location and facing of the surface and weather conditions, among other things. Check the condition of the log surface and the functionality of the log structure before treating the surface. For more information, visit:

[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 reaches its final hardness and durability in about four weeks under normal conditions. If a surface needs cleaning soon after treatment, use a soft brush, a damp cloth or a mop.

After one month from painting, a dirty surface can be cleaned with Huoltopesu (mix 1 part of Huoltopesu with 10 parts of water). Clean stains and very dirty surfaces with a stronger Huoltopesu solution (1:1). After washing, rinse the surfaces and allow to dry.

### Maintenance treatment

Check the condition of the treated surface and make maintenance treatment when necessary. The maintenance interval is affected by the location, point of compass and weather conditions.

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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 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) (C(M)IT/MIT (3:1)) and 3-iodo-2-propynyl butylcarbamate (IPBC). May produce an allergic reaction. Avoid release to the environment. This product contains a biocidal product for the preservation of the product during storage. Contains C(M)IT/MIT (3:1). Wear protective gloves.

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