



## TIKKURILA VALTTI EXPERT

**DESCRIPTION** Matt, semi-transparent decorative impregnating agent with addition of wax for protective and decorative covering of exterior, wooden surfaces. It deeply penetrates the wood, impregnate it and underline it's beauty and slow down harmful influence of UV rays and atmospheric conditions. Addition of wax protects the wood from harmful humidity by creating smooth and nice to touch surface. Available in modern and attractive colours.

**RECOMMENDED USES** Wooden walls, windows, doors, fences, balustrades, garden furniture, arbor, terraces etc. In places exposed to increased exploitation for example: terraces, landings, stairs, it is recommended to paint the painted surface with Tikkurila Valtti Wood Oil.

**PRODUCT FEATURES**

- Over 150 years of experience in wood protection
- Very good durability to atmospheric conditions and UV rays
- Increased protection of wood thanks to wax addition
- Durable and lively colours thanks to special pigments which underline natural drawing of wood
- High durability to destructive water influence and rinse of product – very good hydrophobic characteristic of the surface
- Perfect wood penetration

## VALTTI EXPERT

### TECHNICAL DATA

<b>Colour Shades</b>	Product is available in 10 ready-made shades. Final shade depends on type of wood, original color of the surface, the preparation of the surface and the way of application.
<b>Gloss</b>	Matt. Mat finish.
<b>Coverage</b>	Up to 20 m <sup>2</sup> /l (per one coat for smooth wooden surfaces, depend on the type and humidity of wood). In case of painting raw wood, which wasn't painted previously it is recommended to apply approx. 150-180 g/m <sup>2</sup> Tikkurila Valtti Expert, in case of renovation of wooden elements apply approx. 90-120 g/m <sup>2</sup> .
<b>Can sizes</b>	0.75 l, 2.5 l, 5 l
<b>Drying time</b>	In temperature +23±2°C and relative air humidity 50±5%, product is touch dry after approx. 1 hour; re-coatable after 12 hours.
<b>Density (kg/l)</b>	0,86.
<b>Volume solids (%)</b>	18
<b>VOC</b>	Cat. A/f. Acceptable contentVOC since 2010r. - 700 g/l. Product contains below 700 g/l VOC.
<b>Storage</b>	Paint should be stored and transported in tightly closed packages protected from influence of atmospheric conditions. Temperature of storage and transport should be from +5°C to +25°C. Product classified as dangerous product in the meaning of transport regulations (ADR/RID). ADR/RID 3 class, packing group III, UN 1263.
<b>Hygienic certificate</b>	YES

# VALTTI EXPERT

## APPLICATION INSTRUCTIONS

### Application conditions

All surfaces to be painted must be dry and humidity of wood under 20%. Application in the temperature of the air at least +5°C, and the relative humidity of the air below 80%.

### Surface preparation

Before application all surfaces and sharp edges should be rounded for example with sand paper. Surface to be painted should be thoroughly cleaned from bark, bast, soil, grease, oil, mould, wax, fungus, pests or other contamination which reduce adhesion of the surface. Remove lime, cement or mortar flakes, if they will be left they will stain the wood and may also influence the durability of applied surfaces. Remove knot (lack fill with clean wood) or leave (protect with specialist chemical agents). Defects, losses should be filled with wood; damages, cracks should be filled with putty for wood in colour which is slightly lighter than required colour. For mould removal and surface cleaning it is recommended to use proper agents. All previously painted, stained and filled surfaces, must be sanded and even to enable wood to absorb the product. If necessary remove totally the whole coat. In case of painting of old surfaces it is recommended to make a test painting. The positive result of the test decide of the final usage of this product. Protect plants from splashes of Tikkurila Valtti Expert and Tikkurila Valtti Super Guard during application.

### Top coating

Stir well before use and during application. Apply two coats of Tikkurila Valtti Expert with brush, tampion or dipping, paying particular attention to end-grains. The final color will depend on the wood type and the number of applied layers.

### Cleaning of tools

Before washing tools should be thoroughly wiped in order to remove as much paint. Clean tools with Tikkurila Everal Thinner 1050 or white spirit immediately after the completion of the work.

### Environmental protection and waste disposal

Do not pour liquid waste into drains. Empty cans as well as cans with liquid waste should be taken to a disposal according to the local regulations. For more information please contact local authority. Risk of self-ignition! Cleaning cloths or sanding dust containing the product can create fire by self-ignition. Waste like this should be collected and stored in water before disposal, or dried preferably outdoors or incinerated immediately.

### Health and Safety

**Contains:** turpentine, oil, hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics, cobalt bis(2-ethylhexanoate), 2-octyl-2H-isothiazol-3-one (OIT), 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT), ethyl methyl ketoxime. **Danger.** Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from sparks and open flames. - No smoking. Avoid breathing vapor. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/clothing and eye/face protection. **IF SWALLOWED:** Immediately call a POISON CENTER or physician. **IF ON SKIN:** Wash with plenty of soap and water. **IF IN EYES:** Rinse cautiously with water for several minutes. Do NOT induce vomiting. This surface treatment agent contains a biocidal product for the preservation of the dry film. **Contains:** 2-octyl-2H-isothiazol-3-one (OIT) and 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT).



GHS02



GHS08



GHS07



GHS09

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.