



TIKKURILA

# BETOLUX

SOLVENT-BORNE FLOOR PAINT / GLOSS

## DESCRIPTION

Urethane alkyd paint.

## RECOMMENDED USES

Concrete and wooden floors and stairs in residential, commercial and storage premises. Suitable for floors subjected to light mechanical and chemical stress.

## PRODUCT FEATURES

For interior painting of concrete and wooden floors. Also suitable for the maintenance painting of floors previously treated with an alkyd or epoxy paint or lacquer.



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>                                      | A BASE, C BASE   |
| <b>Colour Shades</b>                                    | <b>Color cards:</b><br>Feel the color.<br>Symphony color system<br>Can be tinted in large part of Tikkurila colors.  |
| <b>Gloss</b>  | Gloss.   |
| <b>Coverage</b>   | Concrete floors 7–9 m <sup>2</sup> /l. Wood surfaces 9–11 m <sup>2</sup> /l.   |
| <b>Can sizes</b>  | A BASE: 0.9 l, 2.7 l, 9 l, 18 l<br>C BASE: 0.9 l, 2.7 l, 9 l, 18 l   |
| <b>Application method</b>                               | Brush, roller or spray.  |
| <b>Drying time (23°C and 50% relative air humidity)</b> | Dust dry in 3–4 hours. Recoatable after approx. 24 hours. Dry to use after approx. one week. Hardens completely and reaches its final durability in approx. one month. |
| <b>Density (kg/l)</b>                                   | approx. 1.0 –1.2 kg/l, ISO 2811  |
| <b>Chemical resistance</b>                              | Good resistance to greases. Resistant to white spirit and denatured alcohol. Not resistant to strong solvents such as thinner.   |
| <b>Wash resistance</b>                                  | Good, SFS 3755.  |
| <b>Heat resistance</b>                                  | 120°C, light colors turn yellow in high temperatures, SFS 3757.  |
| <b>Volume solids (%)</b>                                | 50   |
| <b>VOC</b>  | (cat A/i) 500g/l (2010).<br>Betolux contains VOC max. 500 g/l.   |
| <b>Storage</b>  | Unaffected by cold storage or transportation.  |

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## APPLICATION INSTRUCTIONS

### Application conditions

The concrete surface must be dry and at least 4 weeks old. The relative humidity of the concrete should not exceed 97%. During treatment and drying, the temperature of the air, surface and paint must be over +5°C and the relative humidity of the air below 80%.

### Surface preparation

Unpainted floor:

Concrete floors: Remove the laitance with a grinding machine. Remove the sanding dust.

Wooden floors: Remove all dirt, dust, grease and oil.

Previously painted floor:

Wash with Maalipesu cleaning agent and rinse carefully with water. Allow to dry. Remove old, loose paint. Sand the surfaces thoroughly and remove the sanding dust.

### Application

First application:

Stir the paint well before use. Apply two coats with a brush, a roller or a spray gun. Thin 20–25% with White Spirit 1050 for the first coat. Recoatable after 24 hours with unthinned or slightly thinned paint.

Maintenance painting:

Surfaces previously painted with Betolux floor paint can be maintenance painted with Betolux or Betolux Akva floor paint. See Pretreatment: Previously painted floor.

Roughening:

Reduce the slipperiness of the painted surface by adding one 1/3 l container of Liukueste non-slip powder to 10 liters of unthinned Betolux paint. It is sufficient to stir by hand. The roughened paint should be used for the final two coats.

Apply the "non-slip" paint to the entire floor area or parts of it marked off with masking tape. With stairs, for example, you can add an anti-slip strip to the outer edge of each step.

### Cleaning of tools

Clean tools with White Spirit 1050 or Tikkurila Pensselipesu (Tool Cleaner).

### Maintenance instructions

The painted surface will reach its final wear and chemical resistance approx. 1 month after the surface treatment. Avoid cleaning during this time. Clean the surface with a brush, a mop or a dust cloth. Dirty surfaces can be cleaned with a cleaning tool and a neutral (pH 6–8) washing solution.

### Maintenance treatment

Surfaces previously painted with Betolux floor paint can be maintenance painted with Betolux or Betolux Akva floor paint. See Pretreatment: Previously painted floors.

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## BETOLUX

### 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.

### Health and Safety

**Contains:** hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics. **WARNING.** Flammable liquid and vapor. May cause drowsiness or dizziness. Contains ethyl methyl ketoxime. May produce an allergic reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapor. Use only outdoors or in a well-ventilated area. Wear protective gloves.



GHS02



GHS07

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