

# KOVA Epoxy floor eco primer

## Epoxy water dispersion primer for installation of bulk floors

### Characteristics

Three-component material consisting of epoxy resin, emulsion of water-based epoxy hardener and thinner–demineralised water.

### Features

#### Application capability:

- on a dump surface;
- on fresh concrete (7 days after laying concrete);
- on a concrete without waterproofing.

#### The coating has:

- low curing temperature 5 °C;
- increased heat resistance;
- high adhesion to the base;
- lack of organic solvents.

### Application area

As a primer when arranging bulk floors at the following sites:

- enterprises of the chemical, pharmaceutical, food and tobacco industries;
- trade and storage facilities;
- medical institutions;
- premises with increased decorative requirements – trading floors, exhibition centers, television studios, swimming pools, clubs and restaurants;
- multi-storey parking lots, garages, car repair shops, aircraft hangars;
- airport terminals;
- administrative and office premises;
- enterprises of mechanical engineering, metalworking, energy, light and pulp and paper industry.

### Storage

Store in the manufacturer's original sealed containers at temperature from 5 °C to 35 °C. Protect from moisture, direct sunlight and freezing.

The shelf life is 12 months.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

### Product specification

|   |    |
|---|----|
| <b>Adhesion strength, MPa, at least</b>   | 8  |
| <b>Curing time of the coating to degree 3 at a temperature of (20±2) °C, h, not more than</b> | 24 |
| <b>Viability time at (20±2) °C, min, at least</b>   | 60 |

For more information please contact your nearest representative of Unisil Hungary Kft.

### LIMITED WARRANTY

### PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose. Unisil Hungary Kft warrants only that the product meets its specifications in effect at the time of delivery.

### How to use

#### Surface preparation:

- thoroughly polish the surface of the base using a mosaic or angle grinders with diamond cups;
- remove a dust with an industrial Hoover;
- prepared concrete surface should be smooth, flat, without grease stains and a visible film of moisture.

#### Material preparation:

Into the base (component A) enter the epoxy component (component B) in amount of 83 weight parts for 100 weight parts of base and mix thoroughly. Then dilute the obtained composition with (component P) demineralised water in amount (130 – 140) weight parts of water for 100 parts of mixture. Use prepared composition within 60 minutes since the moment of preparation at temperature up to 20 °C. The higher temperature, the less viability term of prepared composition.

#### Application:

On prepared surface apply evenly the penetrating primer. At high porosity of the treated material, but not earlier than 24 hours, repeat priming. When priming avoid the formation of sagging and puddles of working composition.

**Application methods** – applied a paint brush and roller.

**The consumption rate:** 0.2 - 0.5 kg/m<sup>2</sup> on one layer (depending on the porosity of the base).

**Drying time for primer** at 20 °C and relative humidity up to 60 % is 24 hours. The temperature of environment, surface and material should be between 5 °C and 35°C.

### Packing

Plastic buckets with a capacity of up to 20 L.

### Safety instructions

Application does not require special safety measures.

Detailed instructions are given in the relevant product safety data sheet. It can be provided upon request from the Unisil Hungary Kft or printed from the website Unisil Hungary Kft [www.unisil.eu](http://www.unisil.eu).