

KOVA Epoxy floor-primer

Penetrating primer under epoxy self – leveling the floors

Characteristic

A two-component material consisting of a base material - an epoxy and amine hardener.

Features

- Deeply penetrates and strengthens the concrete base;
- high adhesion to the base.

Applications

As a primer in production of self levelling floors used in:

- chemical and pharmaceutical industry;
- food and tobacco industry;
- commercial and warehouse premises;
- medical institutions;
- premises with high decorative requirements - trade halls, exhibition centers, television studios, swimming pools, clubs and restaurants;
- multistory parking garages, car repair shops, aircraft hangars;
- airport terminals;
- administrative offices;
- machine building, metalworking and energy industries;
- enterprises of light and the pulp and paper industry.

Storage

Store in original containers in a dry, cool place at temperatures from minus 20 °C to +30 °C far from sources of ignition and high temperatures.

Protect from direct sunlight and moisture. Store away from acids, alkalis, amines and oxidizing agents.

Shelf life in original container 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.

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Packing

- Base – in metal pails capacity 10 or 20 L;
- curing agent – in metal pails of 5 or 10 L.

Technical specification

Adhesive strength, MPa	At least 8
Viability time at 20 °C	At least 40
Curing time to degree 3 at a temperature of (20 ± 3) °C, h	No more than 24
Full polymerization occurs, day	14

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

LIMITED WARRANTY INFORMATION 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 only guarantees that the product meets its specifications in effect at the time of delivery.

Applications

Surface preparation:

Clean metal surface to a grade St2 or Sa 2,5 by ISO 8501-1 and degrease.

Concrete surface:

- thoroughly clean the surface of the base from contamination, it is recommended to sand the surface;
- remove dust using industrial vacuum cleaner;
- prepared concrete surface should be smooth, flat, without greasy stains, moisture content in the top layer of concrete to a depth of 20 mm should not exceed 4 %.

Material preparation:

To the base (component A) add the curing agent (component B) in amount of 47 weight parts for 100 weight parts of base or as specified in a passport. Then thoroughly mix again with organic solvents (possible entering of is up to 50 %). The prepared composition is used at a temperature of 20 °C for 40 minutes from the moment of preparation. The higher temperature the less viability term of prepared composition.

How to use

On prepared surface apply the penetrating primer. At high porosity of the treated material, but not earlier than 24 hours, repeat priming. When priming avoid puddles of working composition. Application methods: roller or brush. The consumption rate: 0,1 – 0,4 kg/m² (depending on the porosity of the treated material).

Drying time for primer at 20 °C is 24 hours.

Ambient and surface temperature should be between 10 °C and 30 °C, but at least 3°C above "dew point", and relative humidity should not exceed 80 %. The temperature of the primer should be between 15 °C and 25 °C.

Safety instructions

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.

When working with solvents, comply with safety requirements in accordance with the safety sheet on the appropriate solvent.