



mr.Seal UV®

Cement and liquid polymer dispersion based, durable to ultraviolet (UV) rays, double component, fully elastic water isolation material

Product code : A Comp.: 30.25.006
B Comp.: 30.08.007



About product

mr. Seal UV® is material of double component, acrylic intensifier, forming new surface for concrete, brick and other building materials, waterproof, combination of cement and liquid polymer dispersion. Applied by a brush with short hair, roll or plaster. Forms a full elastic surface durable to water and UV. mr.Seal UV puts up resistance to salts carried by water and gases in atmosphere.

Usage fields

- ✓ Terraces, leaving open under light load
- ✓ Water direction of foundation isolation of the buildings
- ✓ Foothold walls
- ✓ Concrete structures
- ✓ Parts of the buildings as toilet, bathroom, kitchen and balcony
- ✓ Swimming pools
- ✓ Reservoirs
- ✓ Sea water channels
- ✓ Places where necessary to be protected from salty water
- ✓ Protection of concrete surfaces from aeration and chlorine
- ✓ Isolation of parterre

Advantages:

- ✓ 1 mm thickness mr.Seal UV ® has protection power of the concrete 80 mm against aeration
- ✓ Waterproof, durable to the water of 7 bar pressure
- ✓ High adherence ability
- ✓ Easy preparing and easy applied
- ✓ May be applied with brush or sprayer
- ✓ Long usage period
- ✓ White and durable to UV rays
- ✓ Durable to light passenger traffic
- ✓ Though it is waterproof it has steam perme-

ability

- ✓ High weathering durability, durable against freezing and melting conditions
- ✓ Durable to carbon dioxide and chlorine in the atmosphere
- ✓ mr. Seal UV® is applied to a new concrete surface of 24 hours, while there was need to wait 7-28 days for traditional water isolation materials
- ✓ May be used in drinking water reservoirs

Technical Specifications

Content of the material Mr.Seal UV, Component A	Mineral dolgular, xüsusi sement, polimer-
Mr.Seal UV, Component B	Kopolimer akrilik dispersiyalı polimer
Colour	White
Adherence resistance	> 1,50 N/mm ²
Waterproof	Durable to 7 bar pressure (2 mm thickness)
Capillary water sucking	< 0,1 gr (after 4 hours)
Temperature	+5°C+25°C
Heat durability	-20°C +80°C
Usage period of a mixture	2 hours
Mixture's thickness	1,8 kg/lt

Above mentioned numbers are given for +23°C and 50% humidity. High temperature shortens the period and low temperature increases the period.

Application instructions

Preparation of the surface

The preparation of the surface has great importance as other cover systems. The surface must be healthy and free from all oil, rust, heavy lubricating oil, rest of rust and paraffin, elastic splinter which weaken adhesion. Cleaning of

wastes is recommended by light air and water spraying. Before application the surface must be soaked but there must not be any pool. The destroyed concrete is opened till healthy concrete is achieved and must be repaired with repair mixture of cement-based. Before scratching each layer the drying of underneath layer is waited. The layers must be applied opposite side of each other.

Preparation

mr. Seal UV® is packed in an amount ready for usage. The components are mixed in the clean vessels and where is shall be used. Add the powder to the liquid little by little and mix with the mixer of 400-600 circle/ minute. After waiting for 3-5 minutes the solution is remixed for 30 seconds, then the product is ready for use. Do not mix more products that you can't use within an hour.

Mixture comparison

8 kg mr. Seal UV® Component B shall be added to 25 kg powder for two component water isolation products.

Application

(Do not apply to dry concrete)

Soak the concrete surfaces with water. The moisture must be seen by eyes but there must not be water heaps on the surface. Apply the mixture on the surface with short hair brush or roll. It may applied by plaster, if required. The solution having low thickness may be used for 6-10 mm hollows, holes etc. in order to get required thickness you may apply the second layer after drying the previous one. It is recommended each layer is to be 1 mm thickness. Application with sprayer is recommended for large surfaces.

Influence of water pressure

mr. Seal UV®, forms protective and waterproof cover. mr. Seal UV® durable to 7 bar pressure. The degree of water resistance of Mr. Seal UV under pressure depends on the thickness of the cover. The application comparison is subject to continuous water pressure. Pressure-Application comparison is : 3 Bar/4 kg/m², 7 bar/6 kg/m²-dir.

Consumption

I layer :	1,5 kg/m ²
II layer :	1,5 kg/m ²
III layer :	1,0 kg/m ²

Cleaning of the tools

Tools and equipments used after application must be cleaned with water. mr.Seal UV® may only be cleaned from the surface mechanically after it hardens.

Storage conditions

Store in an unopened original packing, cool and dry place, protecting from freezing.

Storage term

Best before is one year from manufacture date under correct storage conditions.

Safety measures

During the application, uniform, protective glove, glasses and mask suitable for the working and health conditions must be used. For negative effects of raw material, do not touch the contents to the skin and eyes, otherwise you must wash the same region with water and soap well and if you swallow it consult to the doctor immediately. Keep out of reach of children. For detailed information please refer to the Safety Information Form.

Responsibility

Mr. Fix is only responsible for the quality of the product and our company is not responsible for the usage out of written offers regarding where and how the product shall be used or dangerous usages. We ask you to demand product manual and contact with responsible persons regarding the necessary support.

Net: A Component : 25 kg ±2%

B Component : 8 kg ±2%

