



mr.Seal SD®

Sulphate resistant cement based, polymer admixture, a component water isolation material used in building for waste water

Product code: 30.25.011



About product

mr. Seal SD® is water isolation material of sulphate resistant cement based, polymer admixture, a component, durable to chemical substances and mechanical influences of waste water, applicable from internal and external over the cement and concrete based plaster.

Usage fields

- ✓ Internal and external places, vertical and horizontal surfaces
- ✓ Building for waste water deeping less than 15 m, over the surface repaired with mr. Tamir, upper cover for resistance
- ✓ Protection upper surfaces of channels and covers baring water leakage
- ✓ Buildings of apartments for waste water and covers of iron- concrete pipe
- ✓ Protection against sulphate impact of waste water channel and pipes
- ✓ Waste water and rain water storages

Advantages

- ✓ Sulphate resistant
- ✓ Easy prepared and applied
- ✓ Long usage period
- ✓ High mechanical resistance
- ✓ May be applied with brush, plaster and sphrey
- ✓ Steam permeability
- ✓ Not shrinking and cracking
- ✓ Durable against freezing and melting conditions

Preparation

The water to be used is poured to a clean vessel and mr.SEAL SD® is added to the very vessel little by little and mixed with a mixer 400 -600 circle/min. for 3-5 minutes till clots solved. After waiting for 3-5 minutes the solution is

remixed for 30 seconds, then the product is ready for use.

Technical Specifications

Content of material	Material filler, polymer modification admixture and sulphate resistant special cement
Colour	Grey
Peel off resistant	≥ 1, 00 N/mm ²
Durability in pressure water	0,50 bar(positive)
Heat of applied surface	+5°C+25°C
Service heat	-20°C +80°C
Completed period	3-5 minutes
Using period	30 minutes
Put in commission	2 days
Mechanical resistance	3 days
Waterproof	

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;
Please, pay attention the cement based surface that will touch with water to be firm, dry, clean, non-dusty and carrier. The surface must be free of all oil, paraffin which weakens adhesion. There must not be remainders on the surface. After pulling out iron and wooden reminders from surface if gaps appear they must be filled with mr. Waterstoper and mr.Tamir®. Corners and edges must be formed in 4 cm radius. The surface must be damped

but there must not be any pool. If the color of the product becomes dark and it became dry while applying, it shows that the surface is not enough watered or drying quickly. At this situation mixing water may be risen 10% for only first layer. Before scratching each layer the drying of underneath layer is waited. The layers must be rubbed in opposite directions.

Mixture comparison

mr.Seal SD*	Using brush	Using plaster
Amount of water	5,75 liter	4,75 liter
Thickness of mixture	2,00 kg/liter	2,06 kg/liter

Consumption

	Min. thickness	Min. application amount
Wet surface	2,00 mm	3,25 kg/m ²
Pressure-tight water	2,50 mm	4,06 kg/m ²
Water storage not deeper than 15 m	3,50 mm	5,69 kg/m ²

Cleaning of the tools

Tools and equipments used after application must be cleaned with hot water and soap. mr. Seal SD* may only be cleaned from the surface mechanically after it hardens.

Storage conditions

Store in an unopened original packing, cool and dry place, unfreezing.

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 according to safety rules 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. Don't put food product on the applied field. 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: 25kg ±2%

