



# mr. Seal SUPERFLEX®

Cement-based, polymer dispersion based, double component, fully elastic water isolation material

Product code: A Comp.: 30.20.004  
B Comp. : 30.10.005



## About product

mr.Seal Superflex® is a water isolation material of cement and polymer dispersion based, designed for plastered surfaces all type of concrete and cement based.

## Usage fields

- ✓ Internal and external places, vertical and horizontal surfaces
- ✓ Dam walls
- ✓ Reservoirs
- ✓ Swimming pools and thermal ponds (the surface covered with ceramics)
- ✓ Wall and floor covers of cold weather warehouses
- ✓ Parts of the buildings as toilet, bathroom, kitchen and balcony
- ✓ Terraces (provided to cover the surface)
- ✓ Foundation and foothold walls

## Technical Specifications

Content of the material Mr.Seal SUPERFLEX, Component A Mr.Seal SUPERFLEX, Component B	Special cement, mineral aggregates, polymer, liquid polymer dispersion
Usage period of new mixture	2 hours
Colour	Dark cement color
Adherence resistance	≥ 1,00 N/mm <sup>2</sup>
Durability of water pressure	7 bar (positive))
Temperature	+5°C+25°C
Period of readiness for usage	7 days
Covering over	3 days (plaster or ceramics)
Mixture's thickness	1,7 kg/lt

## Advantages:

- ✓ Easy preparing and easy applied
- ✓ Fully elastic
- ✓ Waterproof, durable to the water of 7 bar pressure
- ✓ High adherence ability
- ✓ Though it is waterproof it has steam permeability
- ✓ May be applied with brush, plaster or sprayer
- ✓ Long usage period
- ✓ High adherence resistance
- ✓ Not cockled, not cracked
- ✓ Durable against freezing and melting conditions

## Application instructions

### Preparation of the surface

The surface e must be healthy and free from all oil, rust, heavy lubricating oil, rest of rust and paraffin, elastic splinter which weaken adhesion. Non-smooth surfaces must be repaired by mr. Tamir ®. Before application the surface must be soaked but there must not be any pool. If the color of the product becomes dark immediately and dried quickly while the first layer applied only 1 kg water may be added to the liquid component for the first layer. Before scratching each layer the drying of underneath layer is waited. The layers must be rubbed to each other.

### Mixture comparison

10 kg mr. Seal SUPERFLEX ® Component B shall be added to 20 kg powder for two component water isolation products.

### Preparation

mr. Seal Superflex®, 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.

### **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 Superflex®, forms protective and waterproof cover. Mr. Seal Superflex® durable to 7 bar pressure. The degree of water resistance of Mr. Seal Superflex® 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/m<sup>2</sup>, 7/ bar 6 kg/m<sup>2</sup>.

### **Consumption**

I layer :	1,20 kg/m <sup>2</sup>
II layer :	1,00 kg/m <sup>2</sup>
III Layer :	1,00 kg/m <sup>2</sup>

### **Cleaning of the tools**

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

### **Storage conditions**

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

### **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 : 20 kg ±2%**

**B Component : 10 kg ±2%**