



mr.Supermix®

Multipurpose binding mix material for cement based mixtures and plaster

Prodcut code: 90.00.001



About product

mr.Supermix® is copolymer dispersion based mix material used for increasing water resistant and adherence in cement based mixtures and plasters

Usage fields

- ✓ Used in the repair mixtures
- ✓ As adherence mixture in the admixtures prepared for repairing of damaged concrete surfaces and plasters
- ✓ In plasters
- ✓ As mixture for increasing internal and external adherence and water resistant of water storage basin, water-storage reservoirs, basins, clearing constructions
- ✓ In coating mixtures
- ✓ As surface preparer without application plaster and ceramics on the smooth and bright concrete surfaces and gas concrete
- ✓ As mixture in the in the admixtures prepared for placing of natural stone, brick, plate (decorative stones)

Technical specifications

Content of the material	Modified polymer dispersion
Colour	white
Density	1,1 gr /cm ³
pH	8,5
Applied heat	+5°C +35°C

Advantages

- ✓ Creates strong and resistant contact.
- ✓ Provides perfect adherence and elasticity
- ✓ Obtains high resistance against chemical and mechanical attacks
- ✓ Prevents instant drying cracks

- ✓ Increases water resistant
- ✓ Increases easily applicability

Application instruction

In repair mixtures

Preparation of repairing mixtures in density of 10 mm and less:

Mix cement and sand in ratio 1:3, liquid mix prepared by mixing mr.Supermix® and water in ratio 1:2 is added to the powder mixture prepared beforehand and the mixture in harshness of hallow is obtained.

Preparation of repair mixtures in density of 10 mm and more:

Mix cement and sand in ratio 1:3, liquid mix prepared by mixing mr.Supermix® and water in ratio 1:3 is added to the powder mixture prepared beforehand and the mixture in harshness of hallow is obtained.

In the plasters

1 m³ washed valley sand is mixed with 350 kg cement. The mixture prepared by mixing 5 kg mr.Supermix® with 120 l water is added to the powder mixture prepared beforehand and the mixture in harshness of hallow is obtained. The surfaces is to be wetted before 12 hours from the application and plaster with mr.Supermix® mixture is to be used to the surface.

Floor plaster

1- Cushion: valley sand in 3 ratio is mixed with cement, water in ratio 1:2 is added to the powder mixture prepared beforehand. The mixture is placed in density of 2 mm by 2mm.

Preparation of sand in tender plasters and floor plasters (Quartz or valley sand)

Thickness of plaster	Thickness	Mixture comparison		
2 mm	0-0.3 mm	33%	0-0.2 mm+67%	0.02-0.03 mm
2-5 mm	0-1 mm	40%	0-0.7 mm+60%	0.07-1 mm
5-15 mm	0-3 mm	50%	0-1 mm +50%	1-3 mm
15 mm and over	0-7 mm	60%	0-3 mm+40%	3-7 mm

Preparation of floor plaster

Washed valley sand of 1m³ in proper size and cement of 350 kg are mixed. The mixture prepared by mixing water of 110 l and mr.Supermix® of 4kg is added to the powder mixture prepared previously and mixed up to obtaining the density conforming to levelling pole.

Application

The floor plaster prepared by mixing with mr.Supermix® is added to PCC applied in 2mm to the surface. PCC must not be dried. Firstly (a) and (b) mixtures are mixed up to obtaining buze density. The prepared material is applied to the surface moistened before 12 hours, by brush in the thickness of 2mm. Before drying of PCC, fresh concrete is to be placed on it and drying of PCC must not be allowed. New layer is to be applied to drying PCC.

In industrial floors

Preparation of concrete: Aggregate of 1m³ in proper size, cement of 380 kg at least, water of 85 kg, mr.Supermix® of 3 kg and mr.Betonmix SP30® of 6 kg are mixed. This mixture is applied to PCC prime floor in 2 mm density. The mixture with mr.Supermix® is poured on it without allowing of its drying and it is adjusted by levelling pole.

In coating mixtures

Coating mixture: Aggregate of 1m³ in proper size, cement of 250 kg at least, mr.Supermix® of 3 kg are mixed with water in proper amount. The mixture with prepared admixture is placed. The lower surfaces of placing stones are grounded with PCC and flooring operation is carried out.

Sprinkling mixtures

Valley sand of 1m³ in proper size, cement of 350 kg, mr.Supermix® of 10 kg are mixed and added water up to obtaining of buze density. It is applied to the surface moistened before 12 hours with sprinkling instrument. Its drying is waited. The surface is moistened before flooring of plaster and ceramics.

Storage conditions

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

Packaging	Product codes
30 kg can	90.30.002
250 kg barrel	90.00.001
1000 kg vessel	90.00.001
Casting	90.00.001

