



mr.Flex®

Cement-based, polymer mixture, high performance and elastic tile, ceramics and facet adhesive

Product code: 10.25.006



About product

mr.Flex® is a cement-based, polymer mixture, chemical composition elastic tile, ceramics and facet adhesive.

Corresponds to **TS 11140 EN 12004 - C2T** class.

C2 = it is the cement based adhesive with developed extra features.

T = low sliding character

Usage fields

- ✓ Walls and floors of internal and external places
- ✓ Adhesion of decorative brick, natural facet, facet tile, long size ceramics, glass mosaic, travertine and cover materials
- ✓ Adhesion of large size covers
- ✓ Water ponds
- ✓ Places heated from ground, heated reservoirs and thermal ponds
- ✓ Terrace and balconies
- ✓ Ceramics adhesion over ceramics
- ✓ Places where sudden temperature changes take place
- ✓ After priming with **mr. Astar** of the surfaces such as plaster, gypsum, water isolation boards, gas concrete which subject to temperature changes
- ✓ Passenger and load traffic
- ✓ Adhesion of mask floors of the buildings

Advantages:

- ✓ Easy preparing and easy applied
- ✓ There is no sliding while vertical application
- ✓ Long using period
- ✓ Durable to tighten and vibrations occurred at the result of the temperature changes
- ✓ Durable to freezing and melting correlation

Specifications

Content of the material	Mineral aggregates, synthetic admixture and special cement
Colour	Grey powder
Adhesion resistance	> 1,00 N/mm ² (28 days)
Waiting period	25 minutes
Using period	2 hours
Completion term	3-5 minutes
Heat of applied surface	+5°C +25°C
Service heat	-20°C +80°C
Joint filler period	24 hours
Period of readiness to exploitation	3 days
Mixture's density	~1,57 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

Please, pay attention the application surface to be firm, dry, clean, dustless and carrier. The surface must be free of all oil, rust, heavy lubricating oil, rest of rust and paraffin, elastic splinter which weaken adhesion. There must not be remainders on the surface and the surface must be moisture-laden. Don't apply to the frozen and fusible surfaces and which may be frozen within 24 hours. Gaps measuring 5-20 mm must be repaired with mr. Tamir two days previously. The surface must be damped if its surface temperature higher than +25°C. Sucking surfaces (gasconcrete, gypsum concrete etc.) must be bottomed with two layer mr.

Astar before application. While applied to wooden surfaces it must be primed with mr.Kontakt GP, if there is probability of wood's becoming moisture mr.Seal Superflex must be used on the surface before application.

Preparation

The water to be used is poured to a clean vessel and mr.Cottofix 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.

Mixture comparison

For 1 kg powder	~ 0,28 liter water
For 25 kg powder	~ 7,00 liter water

Consumption

Consumption amount according to measures of flange and ceramics:

Ceramics	Flange	Usage amount
10x10 cm	6x6x6 mm	One sided adhesion ~4 kg/m ²
with 10x10 cm 20x20 cm	8x8x8 mm	One sided adhesion ~5 kg/m ² Double sided adhesion ~6 kg/m ²
with 20x20 cm 30x40 cm	10x10x10 mm	Double sided adhesion ~6,5-7kg/m ²

Cleaning of the tools

Tools and equipments used after application must be cleaned with water. Mr.Flex® 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: 25 kg ±2%

