



MFC Sanfix 230

Repair cement coating
[special]

PRODUCT DESCRIPTION

MFC Sanfix 230 is a fine grain coating mixture on the basis of cement, filler and special additives. It is delivered as an already prepared dry mixture which is mixed with water on the construction site.

USE

MFC Sanfix 230 is used for levelling of roughness, in particular concrete surfaces, for fine and rough binding of holes and cuts of floors; it can also be used for repair of walls, stairs, corners or for creation of a declined layer. It can also be used for wooden, stone, ceramic flooring and tiling. MFC Sanfix 230 is used mainly in combination with levelling materials (MFC Level 300, MFC Final 400). It is applied in 2-50 mm thick layer within one working action. The consumption of the mixture is 1.7 kg/mm/m². The material of MFC Sanfix 230 is not recommended as a final surface treatment of the floor.

TECHNICAL PARAMETERS

Thickness of the layer	2 – 50 mm
Time for processing <i>(depending on implementation conditions)</i>	10 min.
Ready to walk on	1 – 2 hours
Application of other layers <i>(MFC materials)</i>	3 hours
pH value	11
Bulk weight of the mixture	1800 kg.m ³
Pressure strength after 28 days	min. 30 MPa
Extension strength during bending after 28 days	min. 6 MPa
Coherence after 28 days	min. 2,5 MPa
Specific change of length	max. – 0,04 %
Maximum diameter of filler grains	0,6 mm

- parameters of material in an environment with 23 °C and 50% relative air moisture

BASE

The base must be stabilized, without released particles and grease (blasting, grinding, milling) with subsequent removal of dust. Cuts, working gaps and fractures in the base which could be a reason for the movement of the base must be rehabilitated after the application of MFC Sanfix 230.

PENETRATION

Apply MFC Primer 620 penetration to clean material with a brush or sprayer in the ratio with water of 1:5 for the first coating and 1:3 for the second coating. Apply once or twice according to the absorption capability of the base. In the case that on the surface of MFC Sanfix 230 an additional layer of self-levelling coating will be applied, it is necessary to penetrate the base again in the ratio of solution mentioned above.

MIXING

The dry mixture is to be mixed shortly before application with drinking water in the ratio 5.2 litres of water per 25 kg of dry mixture. The mixing is performed in the mixing vessel by means of mixing adapter

on the drilling machine. The optimum time of mixing is 2-3 minutes with the speed of 300 rpm. With respect to a fast time of hardening of material it is recommended to prepare only such a volume of the mixture which the employee is able to process within 10 minutes from mixing with water.

APPLICATION

After drying the penetration the mixture is manually applied on the prepared base. The mixed mixture should be processed during 10 minutes. The maximum thickness of the layer in one working action is 50 mm. The surface is modified manually with the wiper. The required temperature of the base, coating and environment during the application is stated to be within the range +5 to +25°C.

TREATMENT

During the application and in the initial phase of hardening it is necessary to prevent air draughts and extreme temperatures. It is necessary to protect the surface against mechanical damage 48 hours after the application, although it is jointless, construction and expansion gaps of the base must be produced by cutting within 24 hours.

SURFACE

MFC Sanfix 230 is comparable with properties of compacted concrete. As the base, Sanfix 230 is compatible with commonly used glues and floor covers.

QUALITY

MFC Sanfix 230 is permanently checked during production using laboratory tests. The basic precondition for a successful application is to follow the required technological procedures (see the Application Manual).

STORAGE

The material is packed into 25 kg paper bags and is stored on wooden palettes (containing 40 bags). It is to be stored in a suitable environment; it must not be exposed to moisture or extremely low or high temperatures.

WARRANTY

The warranty period is 6 months from the date of production. The date of production is indicated on the package. The producer guarantees the declared properties and parameters of the product when ensuring the required technological procedures - the producer does not provide any guarantee pursuant to improper processing and use.

ATTENTION

The product contains cement. Cement reacts with water in an alkaline manner. Protect your eyes and prevent contact with skin. During handling of the dry mixture there is risk of inhalation of dust particles, therefore, we recommend to use a protective respirator. In the case of affection of eyes, rinse your eyes with water and consult your doctor. Keep away from children.

