



MFC Cobet 120

Dry shake for industrial floors
[corundum]

PRODUCT DESCRIPTION

MFC Cobet 120 is a dry shake mixture on the basis of cement, filler, abrasive resistant material and special additives. It is delivered as an already prepared dry mixture for direct use by the "dry into wet" system.

USE

MFC Cobet 120 is used for the surface treatment of fresh concrete floors for medium-heavy operation in civil and industrial premises. It improves the process and resistance of the surface on concrete floors.

TECHNICAL PARAMETERS

Recommended thickness of the layer	2 - 3 mm
Setting time	24 hours
Aging time	28 days
Light floor loading	after approximately 7 days
Bulk density of the mixture	1630 kg.m ³
Compressive strength after 28 days	min. 75 MPa
Flexural strength after 28 days	min. 10 MPa
Abrasion resistance by the Böhme method (according to ČSN EN 13892-3)	max. 3,5 cm ³
Specific shrinkage	max. - 0,09 %
Anti-slipping properties	acceptable
Maximum diameter of filler grains	4 mm

- parameters of material in an environment with 23°C and 50% relative air moisture
- pressure and extension strength during bending after 7 days achieves min. 60% of 28-day values

BASE

The load-bearing slab must be produced in accordance with ČSN EN, made of a high quality concrete mixture (minimum class of C20/25) and placed and compacted according to levelling requirements.

APPLICATION

The fresh surface (wet, after 3 - 5 hours) should be proportionally covered in two layers of 3 - 5 kg/m² of dry spreading mixture, either manually or mechanically by using a spreading truck. The levelling of the surface should be performed manually using steel smothers or by a machine with the use of rotary smothers, according to the gradual hardening of the concrete. The required temperature of the base and environment during the application is stated to be within the range +5 to +20°C.

TREATMENT

The finished surface must be equipped within 24 hours with expansion cuts and suitable protection to ensure proportional maturing and hardening of the concrete. It is possible to use standard neutral or alkali detergents for cleaning.

COLOURING

The basic colour of the spreading mixture is grey. On the basis of specification by the client, it is possible to paint the mixture in the required shade.

SURFACE

MFC Cobet 120 is comparable with properties of compacted concrete. The resistance of the floor surface is proportional to the manner of loading by the operation. In the case of increased requirements, further surface treatment is necessary.

QUALITY

MFC Cobet 120 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 pallets (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.

