

MFC Terrazzo CP

Binder for use in the production of terrazzo floors



PRODUCT DESCRIPTION

MFC Terrazzo CP is a special fast hardening mixture based on cement and special aggregates delivered as a prepared dry compound which is mixed with water and decorative filler on the construction site.

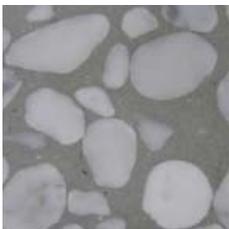
USE

MFC Terrazzo CP is designed as a binder for use in the production of terrazzo floors with consequent grinding and polishing treatment.

COLOUR DESIGN

MFC Terrazzo CP is delivered in two basic colour variants – grey (MFC Terrazzo CP GREY) and white (MFC Terrazzo CP WHITE). Further colour shades can be prepared according to the requirements of the client.

MFC Terrazzo CP GREY



MFC Terrazzo CP WHITE



BASE

The base must be stabilized, without released particles and grease (blasting, grinding, milling) with subsequent removal of dust. The strength in tension of the base should be a minimum 1.0 MPa. Chuck holes and cracks in the base must be fixed using a repair binder (MFC Sanfix 200).

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.

MIXING

Prior to application the dry mixture is mixed with drinking water into the required consistency (about 18 % water) and consequently while permanent mixing decorative filler is added. Mixing is to be done in the mixing vessel using a mixing adapter on the drilling machine.

APPLICATION

The mixed compound should be processed within 15–20 minutes and is applied by proportional pouring in strips up to the required level line and consequently the surface is to be levelled with a bar. It is necessary to ensure that all new material is first applied to the already placed material to ensure convergence. The required temperature of the base and the environment during the application should be within the range +5 to +25°C

TREATMENT

During application and in the initial hardening phase 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 if is jointless, construction and expansion gaps of the base must be produced by cutting within 24 hours.

SURFACE

Depending on the implementation conditions (as a rule 2–3 days) it is possible to start grinding and polishing of the surface. After finishing the work the surface is to be treated using suitable impregnation materials.

TECHNICAL PARAMETERS

Thickness of the layer (depending on selected filler)	min. 15 mm
Ready to walk on	3–5 hours
Duration of maturity (recommended for grinding)	2–3 days
Full operation	after 7 days
Pressure strength after 28 days	min. 40 MPa
Extension strength during bending after 28 days	min. 10 MPa
Adhesion to the base	min. 2.5 Mpa
Bulk weight of the mixture	about 2 100 kg/m ³
Specific change of length	maximum 0,03 %
pH value	11

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

QUALITY

MFC Terrazzo CP is constantly inspected during production via laboratory tests. The basic precondition for successful application is to follow the required technological procedures.



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STORAGE

The material is packed into 20 kg paper bags and is stored on wooden pallets (each 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 PERIOD

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.

NOTIFICATION

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

ADVANTAGES of MFC Terrazzo CP

- thickness of layer only 15 mm
- easy processibility
- without volume changes
- passable after 3 hours
- the surface can be grinded after 2–3 days
- colour design options
- solution variability according to the type of filler (stone, glass, metals, etc.)
- recommended for damp environments (e.g. garages, bathrooms, kitchens, etc.)

EXAMPLES OF APPLICATIONS

