

NivoTech ChapMix

Rapid Curing Concentrated Screed

Product Description :

It is an easy-to-dry concentrated screed that is prepared by reinforcement with environment friendly additives and polymers and that has high curing and drying quality in order to form adhesive and floating screed prior to the installation of tiles, PVC coatings, linoleums as well as carpet and parquet floors.

Application areas :

- Indoors and outdoors
- On concrete grounds
- On ceramic-coated floors

Features :

- Impermeable
- Can be applied under tiles and ceramics directly
- Used safely prior to carpet, PVC and rubber based floor coatings
- Used to prepare the surface before industrial coating and floor paints
- Resistant to frost, continuous moist and heavy weather conditions
- Plastic consistency, easy-to-apply
- Features hydraulic adhesion quality
- High resistant
- Fireproof

Technical data:

Dmax (mm)	0,5
Colour	Grey
Applicable Thickness (mm)	60
Dry Unit Volume Weight (kg / lt)	1,5 ± 0,2
Wet Unit Volume Weight (kg / lt)	1,2 ± 0,2
Waiting Time in Container (minutes)	~ 20
Drying Time (hours)	~ 2
Mixture water amount (for 25 kg dry mixture)	4 - 7 lt
Environment temperature for application	Between +5°C and +35°C
Resistance of hardened coating	Between -25°C and +80°C

Technical data is obtained according to +20⁰C air temperature and 50% relative humidity.

Preparing the substrate :

- Foreign substances that prevent adhesion such as dust, dirt, form oil, scoria, paint and other residues and wastes such as cement, plaster and concrete should be removed from the surface of application.
- Sub-surfaces that are not solid enough to bear their own weight or algae residues should be removed.
- The surfaces that require repair should be filled with special repair and filling mixtures at least 3-4 days prior to the application and leveled.

Preparing the mixture :

- 25 kg NivoTech ChapMix, 75 – 125kg of sand with [0-4mm (60%) – 4 – 8mm (40%)]
- 300-350kg NivoTech ChapMix, 1m³ of sand with [0-4mm (60%) – 4 – 8mm (40%)]

Application:

- Bostik NivoTech ChapMix in dusty state and sand should be mixed in low cycle until a smooth mixture is obtained within a concrete mixer filled with water under normal ambient temperature in specified amounts. Mixture duration should be minimum 5 minutes. The mixture obtained at the end of the process should be rested for 3 minutes and should be mixed again until it becomes homogenous for 2 minutes.
- Density amount and drying time of the product vary according to the water amount.
- The mixture is ready for application after waiting for 3 minutes maturation period.
- The freshly prepared mortar should be used within 15-20 minutes. If it is exceeded, the concrete mixer, pump and hoses should be emptied and cleaned immediately.

After application:

Freshly adhered surfaces should be protected against direct sun light, strong air stream, high air temperature (above +35°C), rain and frost.

Coverage:

Approximately 4,0 kg/m² for each thickness of 10 mm (for 400kg/m³ dosage).

Consumption amounts are theoretical values and we recommend that consumption controlled sample application is carried out before application.

Package:

In 25 kg craft bag, 64 bags in 1 palette (1600 kg/palette)

Storage:

- They should be protected from water, frost and adverse air conditions.
- They should be kept dry and cool on wooden pallets.
- The torn and opened products should be closed immediately and consumed first.
- Maximum 8 bags should be stocked on each other.
- Shelf life is maximum 6 months conditional to complying with the abovementioned storage conditions.

Risk Signs :

R23/24/25 : Poisonous when inhaled, swallowed and contacted with skin.

Security signs:

S2: Keep out of reach of children.

S3: Keep cool.

S9: Keep the package dry.

S26: Rinse with water thoroughly when contacted with eyes and consult a doctor.

S28: Rinse with water thoroughly when contacted with skin and consult a doctor.

S29: Do not throw in the drain.

S36/37/39: Wear suitable protective clothing, protective gloves and glasses / mask during the operation.

BOSTIK is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



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