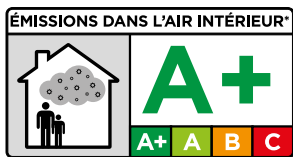




BENFERCEM

Fast setting mortar

- Blocking without reinforcement of frames, fixtures, poles, pipes, sockets and electrical cables for interiors and exteriors
- Rapid repairs of deteriorated walls
- Filling of plaster gaps or cracks
- Can be used as an accelerator for normal mortars in construction sites when there is danger of freezing



TECHNICAL FEATURES:

BENFERCEM is a quick setting cement mortar for interiors and exteriors, frost-proof. It consists of a mixture of grey cements, quartz aggregates and special additives that are able to develop elevated mechanical resistance in very brief time intervals with minimum shrinkage.



TECHNICAL ASSISTANCE



INSURANCE GUARANTEE



TECHNICAL MEETINGS



PROFESSIONAL USE

CONTRACT ITEM SPECIFICATIONS:

Supplying and application of mortar with rapid setting (pressure resistance after 3 hours, at least 15 N/mm²) for interior and exterior, frost resistant, such as BENFERCEM by Benfer.

METHOD OF USE:**SUBSTRATES PREPARATION:**

Clean the anchoring surface from all the possible badly fixed rubbles and eliminate every anti-adhesive substances as well as possible; wet lightly and uniformly the powder parts.

PREPARATION OF THE MIXTURE:

Mix accurately BENFERCEM with the 23-25% about of fresh and clean water calculated in weight on the powder, taking care to pour the powder into the water and not vice versa, until you obtain a paste without clots. It is suggested to mix such a quantity of product that is sure it will be used in the following 2-3 minutes as, once the setting has started, the product becomes unworkable.

PRODUCT APPLICATION:

Lay the product by means of a mason's trowel or smooth metallic spatula; after the setting, smooth the surface with damp sponge rubber, as for a normal cement plaster. With very high temperatures it is necessary to wet the product in the first minutes after the setting.

CLEANING: The cleaning of the tools and of the hands must be effected as soon as possible with plenty of water.

PACKAGING: BENFERCEM is available in 25 kg poly-lined bags -1500 kg pallet loads and in 5 kg plastic bags - 600 kg loads.

STORAGE: In the original unopened packaging in a dry and cool place.

SHELF LIFE: 12 months from the date printed on the packaging.

PRODUCT TECHNICAL DATA

Consistency:	Powder
Colour:	Grey
Conservation:	In the original closed package, in a cool dry place
Duration:	12 months from the date listed on the package
Danger of harm:	No. Possible irritation of the eyes and skin upon contact
Flammability:	No
Mixture ratio:	19-21 parts water with 100 parts powder by weight
Application temperature:	From + 2°C to + 35°C
Pot life:	2 minutes*
Open time at 23°C and 50% humidity:	20 minutes*
Final performance:	
Compressive strength after 15 minutes:	6 N/mm ²
Compressive strength after 1 hour:	9 N/mm ²
Compressive strength after 3 hours:	15 N/mm ²
Compressive strength after 3 days:	25 N/mm ²
Compressive strength after 28 days:	40.5 N/mm ²
Resistance to temperature from:	- 30°C to + 90°C
Flexibility:	Poor
	* at 23°C and 50% relative humidity

N.B. The data and information contained herein are dictated by our best results, and are purely indicative and must be verified by the user of the product who assumes complete responsibility for its use.