

# BENFERCEM

QUICK SETTING CEMENT MORTAR  
FOR INTERIOR OR EXTERIOR  
APPLICATIONS FROST-RESISTANT

## TECHNICAL FEATURES:

**Benfercem** is a mixture of grey cements, aggregates with quartzes and special additives that allow the development of high mechanical resistances in very short time intervals with the least shrinkages.



## FIELDS OF APPLICATION:

- Fixing without temporary reinforcements for frameworks, fixtures, posts, pipes, electric sockets and cables, indoor or outdoor.
- Quick repairs of degraded brickworks
- Grouting of fissures or cracks in the plasters.
- Quickening means for the setting of normal yard's mortars when frost danger is possible.

## METHOD OF USE AND CONTRA-INDICATIONS:

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.

## 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 AND PACKAGING:

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

**Benfercem** is available in 25 kg poly-lined bags - 1500 kg pallet loads and in 5 kg plastic bags - 400 or 600 kg loads.

#### STORAGE:

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

#### SHELF LIFE:

9 months from the date printed on the packaging; pursuant to EU directive 2003/53/CE, we inform that the expiry date refers to the efficacy of the reducing agent in relation to Chromium VI salts.



### PRODUCT TECHNICAL DATA

CONSISTENCY	VERY DOUGHY
COLOUR	GREY
CONSERVATION	IN THE ORIGINAL CLOSED PACKAGE, IN A COOL DRY PLACE
DURATION: 9 MONTHS FROM THE DATE LISTED ON THE PACKAGE; IN CONFORMITY WITH THE DIRECTIVE EEC 2003/53 INFORMING THAT THIS TIME EXPIRATION REGARDS THE EFFICIENCY OF THE REDUCING AGENT IN RESPECT TO HYDRO-SOLUBLE CHROME VI.	
DANGER OF HARM	NO POSSIBLE IRRITATION OF THE EYES AND SKIN FOR CONTACT DUE TO THE CEMENT CONTENT. ADEQUATE PROTECTION IS RECCOMENDED.
FLAMMABILITY	NO
MIXING RATIO	23-25 PARTS WATER WITH 100 PARTS POWDER BY WEIGHT
APPLICATION TEMPERATURE	FROM + 2°C TO + 35°C
MIXTURE POT LIFE	2 MINUTES

### FINAL PERFORMANCES

COMPRESSIVE STRENGTH AFTER 15 MINUTES	6 N/mm <sup>2</sup>
COMPRESSIVE STRENGTH AFTER 1 HOUR	9 N/mm <sup>2</sup>
COMPRESSIVE STRENGTH AFTER 3 HOURS	15 N/mm <sup>2</sup>
COMPRESSIVE STRENGTH AFTER 3 DAYS	25 N/mm <sup>2</sup>
COMPRESSIVE STRENGTH AFTER 28 DAYS	40.5 N/mm <sup>2</sup>
RESISTANCE TO TEMPERATURE	FROM - 30°C TO + 90°C
FLEXIBILITY	POOR

data collected at 23°C and 50% of r.h.

PLEASE NOTE: 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.