



RAPIDCEM

QUICK SETTING HYDRAULIC BINDER.

DESCRIPTION

Quick setting premixed hydraulic binder. It achieves high mechanical strength in a very short time. Frost resistant and it does not deteriorate due to water or moisture penetration.

PACKAGING

5 kg bags (boxes of 5 pieces) - 900 kg standard pallet
25 kg bags - 1200 kg standard pallet

FIELDS OF APPLICATION

Suitable for rapid fixing on horizontal and vertical substrates. Typical examples of application are:

Fastening and laying of pipes, brackets, fencing, etc.

Sealing of tracks on walls made by plumbers and electricians.

Installation of manholes, manhole covers, etc.

Watertight sealing of cisterns and reinforced concrete tanks.

Elimination of leaks in pipelines, drains, underground structures, basements, etc.

For all small masonry work, repairs, home renovations.

PREPARATION OF THE SUBSTRATES

Substrates must be consistent and free from dust. Any loose material must be removed. Once chipped and roughened, the substrates must be thoroughly wet up to saturation with clean water.

MIXING PROPORTIONS

Rapidcem 5 kg (1 bag) – Water 1 – 1,1 l (20-22%)

Rapidcem 25 kg (1 bag) – Water 5 – 5,5 l (20-22%)

PREPARING THE MIXTURE

Pour the right amount of water into a clean container and add the powder, quickly mixing with a spatula or trowel until the mix is smooth and without lumps. The product drying time at +23°C is

about 2 minutes. Mix only the amount of product that you can use within this time. Once the plastic consistency is achieved, apply it immediately, without stirring anymore.

APPLICATION

Apply the mixture with a spatula or trowel, compressing it on the substrate to seal the relative area.

WARNINGS

Do not add lime or cement to the product.

We recommend mixing only the amount of usable product within 2 minutes with water.

An excessive amount of water causes the setting time to be longer and the mechanical strength to worsen.

Apply the product at a temperature ranging between +5°C and +35°C. The optimal temperature of use is +20°C.

Under conditions of high ambient temperatures and in the presence of wind, you must:

- keep the packaging in a shaded place;
- use cold water for the mixture;
- keep the surface of the cast wet during the product hardening phase.

Under conditions of low ambient temperatures, you must:

- keep the packaging in a heated place;
- use warm water for the mixture (about 20°C).

When filling large cavities, it is recommended to apply several coats of the product, allowing the layer to solidify every time.

Do not use the product for applications not stated on this technical sheet.

INFORMATION ON SAFETY

Refer to the product's safety sheets available upon request.

PRODUCT FOR PROFESSIONAL USE



IDENTIFICATION DATA

Appearance	Powder
Colour	Grey
Custom classification	3824 5090
Preservation time	12 months inside the original packaging, in a dry place

APPLICATION DATA

Mixing proportion	Water = 20 - 22%
Consistency of the mix	Thixotropic plastic
Application temperatures allowed	from +5°C to +35°C
Mixture life	Approximately 2 minutes
Consumption	1.8 kg for 1 litre of cavity to fill

PERFORMANCE

Flexural strength after 24 hours	> 2 N/mm ²
Compressive strength after 24 hours	> 8 N/mm ²
Initial drying time (T=+23°C)	2 -4 minutes
End drying time (T=+23°C)	< 5 minutes
Resistance to alkalis	Good

Although the information in this technical chart is source of our best experience, it is merely indicative.
Each specific case must be subjected to practical preliminary tests by the user who undertakes the responsibility for the final work result.

Sheet No. 508

Revision No. 2

Date: November 2017

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