

CEMRAPID 835

QUICK-SETTING CEMENT

1. PRODUCT DESCRIPTION

CEMRAPID 835 is an ultra-fast drying cement composed of hydraulic binders, limestone and silica aggregates and additives.

CEMRAPID 835 is supplied in 5 kg buckets and 25 kg bags (packed in plastic-wrapped pallets of 60 bags). Provided that it is kept in its original packaging, the product has a shelf life of 6 months under storage conditions in which it is protected from high temperatures and humidity.



2. DOMAIN OF USE

CEMRAPID 835 is suitable for use on high-strength fastenings of gutters and electrical boxes, pipes, seals and hinges. Also suitable for use in blocking leaks and plugging water inlets.

It is suitable for use on both interior and exterior surfaces.

3. CHARACTERISTICS OF THE PRODUCT:

POWDERED PRODUCT	Medium values*	Reference standard
Aspect	Grey powder	-
Particle sizing	Fine (< 0,6 mm)	-

HARDENED PRODUCT	Medium values*	Reference standard
Compressive strength (after 2h)	≥ 15,0 N/mm ²	EN 12190
Compressive strength (after 24h)	≥ 25,0 N/mm ²	EN 12190
Compressive strength (after 28 days)	≥ 50,0 N/mm ²	EN 12190

PASTED PRODUCT	Medium values*	Reference standard
Application temperature	+5°C a 30°C	-
Kneading Water	18,0 %	-
Density	1800-2000 Kg/m ³	-
Drying time	<5 minutes	-
Working time once mixed	1 minute and 30 seconds	-
Cure time	2 horas	-
Theoretical consumption	17 kg/m ² /cm	-

* Results obtained in tests carried out under standard conditions, which may vary depending on the conditions of use.

4. RECOMMENDATION OF APPLICATION:

• Supports preparation:

Surfaces must be free of dust, release agents and disintegrating or unstable materials, efflorescence, or any other materials that may impair the adhesion of the product. Absorbent surfaces should be moistened prior to saturation so as to avoid waterlogging. "Grooves" should be made on smooth surfaces.

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Mortar preparation:

CEMRAPID 835 should be mixed mechanically, preferably with a low-speed electric mixer, with 4.5 litres of water per 25 kg bag or 0.9 litres per 5 kg bucket, until a smooth, consistent, lump-free paste is obtained. Prepare small quantities of the product, bearing in mind the short working time.

Application:

Apply **CEMRAPID 835** immediately after mixing with water.

To block holes, apply the mortar to the water inlet, pressing manually until the product sets. This procedure can be repeated as many times as necessary until it completely blocks the passage of water.

When attaching any item, fill the hole, compacting the mixture well, and quickly insert the object to be attached. Do not make any adjustments once the product starts to harden.

5. COMPLEMENTARY ADVICES:

- Water mixed with the mortar should not contain any impurities (clay, organic matter), and should preferably be drinking water;
- Do not add any other products to the mixture, and apply the cement-based adhesive as presented in its original packaging and prepared according to recommendations;

6. HYGIENE AND SAFETY:

The product safety report is available at www.argatecnic.pt or you can apply to our Commercial Services.

7. TECHNICAL ASSISTANCE:

For technical assistance and commercial information, you can contact:

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The information, recommendations and technical characteristics stated in this Technical Report are provided in good faith and they represent the current knowledge of the offered product; however, they can be changed without previous warning. Our responsibility is restrained to the guarantee of the product quality according to its physical and chemical characteristics, as stated in this Technical Report. It does not cover any guarantee on its application/use, even if inferred from the Technical Report or even if being object of an oral or written recommendation.



Last review was made in january 2024