

QC 200

Rapid Cement

Chloride-free assembly cement for rapid anchoring and fixing

CHARACTERISTICS

- After 5 minutes hardened
- Shrink-free
- Waterproof & frost-resistant
- Can be used horizontally and vertically
- Can be used indoors and outdoors
- Chloride-free – does not cause metal corrosion



SCOPE OF USE

QC 200 Assembly Cement is suitable for quickly anchoring and fixing steel and plastic components in masonry and concrete, filling cracks and holes, fixing built-in components and filling small cavities up to 20 mm wide. QC 200 Assembly Cement can be used for all types of fastenings in concrete, cement-based substrates, masonry, plasterwork and screeds; for example, anchors, hook connections, hinges, electrical installation elements (connection and outlet boxes), guide strips for corner strips, installation elements (feed-through pipes, brackets/supports).

Also suitable for quickly filling mounting holes and small defects in anchor points and steel elements; quickly filling locally damaged concrete surfaces such as recesses, corners, beam floors; re-profiling concrete surfaces; sealing temporary water leaks, e.g. prior to concrete repair or waterproofing work in concrete tanks.

SUBSTRATE PREPARATION

The substrate must be solid, load-bearing, clean and free of substances which may impair adhesion. Thoroughly pre-wet the substrate but without water accumulating on the surface.

In the case of sealing water leaks, the existing opening must be adjusted so that the QC 200 can fill the opening.

For anchoring a hole a suitable diameter must be drilled. The free space between the anchor element and the surface of the mounting hole must not exceed 20 mm.

APPLICATION

Mix 1 kg QC 200 in 0.25 L of clean, clear water. Mix well until you obtain a homogeneous mass without lumps. For fixing, anchoring and filling, apply the mortar immediately after mixing. Fix the elements and reprofile within 3 to 4 minutes. In the case of sealing water leaks, prepare a sufficient quantity of mortar. When the mortar begins to harden, hold it firmly on the leak and hold it for a few minutes until it has completely hardened.

To fill holes and cracks wider than 20 mm (up to 40 mm), mix the QC 200 with pure quartz sand in a ratio of 1:1. Then pour the mixture into the water and mix until you obtain the required consistency. Adding sand does not change the hardening time but it does reduce the compressive strength of the QC 200.



TECHNICAL DATA

Base	Cement combination with mineral fillers	
Color	Beige grey	
Powder density	Approx. 1,30 kg/dm ³	
Mixing ratio	Approx. 0,25 L water for 1 kg	
Application time	Approx. 4 minutes	
Application temperature	+ 5°C tot + 25°C	
Amount required	Approx. 1,6 kg/ dm ³ cavity volume	
Thickness	Without sand -filling cracks up to 20mm -anchor space up to 20mm -reprofiling up to 50mm	With sand -filling cracks from 20mm to 40mm -anchor space of more than 20mm -reprofiling from 50mm to 100mm
Compressive strength	Without sand	With sand
After 6 hours	≥15 Mpa	≥10 Mpa
After 24 hours	≥25 Mpa	≥15 Mpa
After 28 days	≥40 Mpa	≥25 Mpa
Bending tensile strength	Without sand	With sand
After 6 hours	≥3,0 Mpa	≥2,5 Mpa
After 24 hours	≥3,0 Mpa	≥3,0 Mpa
After 28 days	≥6,0 Mpa	≥4,5 Mpa

OTHER

Packaging	Plastic bucket 6 kg
Storage	Shelf life 12 months in closed packaging in a dry and well-ventilated environment at a temperature between + 5°C and +20°C

IMPORTANT

The work must be carried out with an ambient temperature and the surface between +5°C and +25°C. If necessary, it is possible to use hot water at low temperatures and cold water at high temperatures. Contains cement. Reacts strongly alkaline with moisture, therefore protect skin and eyes. In case of contact, rinse thoroughly with water. In case of eye contact, consult a doctor.
When assembling stone elements that are sensitive to fading, it is absolutely necessary to carry out tests to see if the mortar fades the element.

The stated properties of the product have been proven in both practice and application tests. However, we have no influence on circumstances that depend on the situation. We therefore recommend that you always carry out your own test to check whether the product is suitable for your intended application. In case of doubt, consult Henkel Nederland B.V. or Henkel Belgium N.V. No legal liability is accepted based on the content of this document or based on verbal advice unless there is gross negligence on our part. This technical data sheet replaces all previous technical data sheets of this product.

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