

# CX 5

## Rapid cement

Assembly cement for rapid anchoring and fixing

### CHARACTERISTICS

- ▶ rapid setting
- ▶ waterproof
- ▶ chloride-free
- ▶ non-cracking
- ▶ frost-resistant

Test certificate no. 220006597-08,  
MPA, NRW

### SCOPE OF USE

For rapid anchoring and fixing of steel and plastic components in brickwork and concrete. For screeding cracks, holes etc. For fixing inserts. For grouting small cavities of up to 20 mm width.

### SUBSTRATE PREPARATION

CX 5 is used for any kind of fixing and anchoring in concrete, cement-bound plasters, brickwork and screeds. 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.

### APPLICATION

Add CX 5 to clean, clear water and stir until completely free of lumps.

The mixing ratio is (in parts by volume):

#### Plastic consistency

3 p/v of CX 5 to 1 p/v of water

#### Pourable consistency

2 p/v of CX 5 to 1 p/v of water

When working large areas, CX 5 can be extended with pure, mixed-grain quartz sand at a ratio of 1 : 1 for more economical use.



Apply the mixed cement within the application time (approx. 4 minutes) – do not overstir.

### PLEASE NOTE

Use CX 5 only in dry conditions and at temperatures of +5 °C to +30 °C. If necessary, take suitable counter-measures, e.g. use warm mixing water at low ambient temperatures, cold water at high temperatures. In extreme cases also store the cement at a suitable temperature.

Do not mix with other materials, additives or binders. If quartz sand is admixed, cement properties may change and its strength be reduced.

CX 5 contains cement and reacts with water, producing an alkaline solution. Therefore protect eyes and skin. If contact occurs, rinse thoroughly with water. In case of contact with the eyes seek medical advice immediately. Use other Ceresit products for special types of work not mentioned above.

Should you need support or advice, please consult our advisory service for architects and craftsmen on the hotline numbers  
Phone: +49 211 797 0  
Fax: +49 211 798 2148

## TECHNICAL DATA

Base:	cement combination with mineral fillers (low chromate acc. to TRGS 613) GISCODE ZP1
Powder density:	1.32 kg/dm <sup>3</sup>
Application time:	approx. 4 minutes
Application temperature:	+5 °C to +30 °C
Mixing ratio:	approx. 0.3 l of water for 1 kg
Compressive strength (DIN 18 555):	after 6 hours ≥ 10 N/mm <sup>2</sup> after 24 hours ≥ 14 N/mm <sup>2</sup> after 28 days ≥ 40 N/mm <sup>2</sup>
Bending tensile strength (DIN 18 555):	after 6 hours ≥ 2,0 N/mm <sup>2</sup> after 24 hours ≥ 2,5 N/mm <sup>2</sup> after 28 days ≥ 5,0 N/mm <sup>2</sup>
Amount required:	approx. 1.6 kg/l cavity volume
Storage:	Approx. 12 months if stored tightly closed in a cool and dry place. Use up opened containers as soon as possible.
Packaging:	1 kg and 5 kg paper bags, 14 kg and 25 kg paper bags, 6 kg and 14 kg plastic buckets

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Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards of the German Standards Institute (DIN). The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23 °C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

Henkel AG & Co. KGaA – Bautechnik  
Henkelstraße 67 · D-40589 Düsseldorf  
Telefon +49 (0) 2 11/797-0 • Telefax +49 (0) 2 11/798 6667  
Internet: www.ceresit.henkel.com · E-Mail: ceresit.bautechnik@henkel.com



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