

## PRODUCT DATA SHEET

# Casco<sup>®</sup> CementRapid

Heat resistant fast setting repair mortar for minor repairs, securing bolts and screws.



### DESCRIPTION

Extremely fast-hardening, cement-based filler with filling capacity 1-10 mm/layer used for minor repairs, repairs to fireplaces, and securing bolts and screws in walls or ceilings.  
Heat-resistant, which makes it especially well-suited to repairing fireplaces.  
Good bonding to most types of material: concrete, plaster, aerated concrete, brick, etc.

### CHARACTERISTICS / ADVANTAGES

- Fast-hardening
- Withstands temperatures of up to 1000°C
- Withstands heavy loads

### APPROVALS / CERTIFICATES

- M1 & EC1 Plus for low emission

### USES

- Minor repairs
- Securing bolts and screws in walls or ceilings
- Repairing of fireplaces

### PRODUCT INFORMATION

Composition	Cement-based
Packaging	2 kg PE-bag
Shelf life	18 months from production date (s. packaging) in sealed packaging. Reseal tightly after opening.
Storage conditions	Store in cool, frost free and dry conditions.
Appearance and colour	Dark grey
Density	Powder approx. 1300 kg/m <sup>3</sup> ; mortar approx. 1700 kg/m <sup>3</sup>

### APPLICATION INFORMATION

Mixing ratio	2 kg powder + 0,5 l of water
Consumption	Approx. 1.5 kg/m <sup>2</sup> /mm
Layer thickness	<ul style="list-style-type: none"><li>▪ Filling capacity for larger areas, 1-10 mm.</li><li>▪ Filling capacity for smaller repairs, up to 20 mm/layer.</li></ul>
Ambient air temperature	+5°C to +30°C

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Preparation of the underlying surface.  
The surface must be dry, firm and clean. Remove any loose surfacing mechanically. Always soak the surface with water before applying the mixed repair filler.

### MIXING

Mix 3 volume parts of Casco® CementRapid to 1 volume part cold, clean water. Stir to form a homogeneous, lump-free paste – ideally using an automatic mixer (paddle mixer with 600 rpm recommended). Leave the paste to stand for a few minutes before starting work.

Casco® CementRapid cures extremely quickly. Do not mix more than you can use within 2–3 minutes.

NB! Never mix the product with hot water.

### APPLICATION

Use a narrow steel putty knife to apply the mixed paste. Then smooth immediately using a steel putty knife that is wider than the damaged area. The surface can be sanded once the levelling compound has dried.

As Casco® CementRapid is a heat-resistant product, it is well suited for repairs in places where temperatures may reach as high as 1000°C.

### CLEANING OF EQUIPMENT

Clean tools with water before the paste dries.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website [www.casco.eu](http://www.casco.eu).

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