

## PRODUCT DATA SHEET

# Casco® MultiFix Rapid

Professional fast setting cement-based tile adhesive.



### DESCRIPTION

Dust-reduced, fast setting tile adhesive in layer thickness up to 10 mm.

### USES

- For indoor wall and floor applications.
- For outdoor floor applications.
- For wet rooms.
- For gluing ceramic, fully vitrified, clinker, stoneware tiles, glass mosaic; insensitive to discoloration and deformation natural stones.
- Suitable on floor heating systems.

### FEATURES

- Dust reduced
- Fast setting
- Water and frost resistant

### CERTIFICATES AND TEST REPORTS

- C2 FTE according to EN 12004
- EC1 Plus: very low emission
- M1 emission classification

### PRODUCT INFORMATION

Composition	Cement-based
Packaging	20 kg and 4 kg
Shelf life	<ul style="list-style-type: none"><li>▪ 20 kg 6 months from production date (s. packaging) in an unopened bag.</li><li>▪ 4 kg 18 months from production date (s. packaging) in an unopened bag.</li></ul> Opened bags should be closed immediately and used up as soon as possible.
Storage conditions	Store in cool, dry conditions.
Appearance and colour	Grey powder

### TECHNICAL INFORMATION

Temperature resistance	Resistant to temp. from -20°C to +80°C ( When completely cured )
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## APPLICATION INFORMATION

Mixing ratio	<ul style="list-style-type: none"><li>▪ 20 kg powder + approx. 4,8 l of water</li><li>▪ 4 kg powder + approx. 1,0 l of water</li></ul>
Consumption	<ul style="list-style-type: none"><li>▪ 6 mm notched trowel approx. 2,1 kg/m<sup>2</sup></li><li>▪ 8 mm notched trowel approx. 2,6 kg/m<sup>2</sup></li><li>▪ 10 mm notched trowel approx. 3,1 kg/m<sup>2</sup></li></ul>
Layer thickness	Up to 10 mm
Substrate temperature	Not below +5 °C, best conditions between +15 °C - +20 °C.
Pot Life	Approx. 45 minutes at +20°C
Open Time	Approx. 30 minutes according to EN 1346
Curing time	<ul style="list-style-type: none"><li>▪ Ready for foot traffic: after approx. 3 hours</li><li>▪ Ready for grouting: after approx. 3 hours in interior areas, at least after approx. 48 hours in exterior areas.</li></ul>

## 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.

## IMPORTANT CONSIDERATIONS

Observe the powder/water mixing ratio. Do not mix more material than can be handled within 45 minutes. Material that has already been set couldn't be re-mixed

with additional water or powder. For laying mosaic in shower areas front side paper bonded or foil bonded mosaic only is recommended.

## 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

### SURFACE PREPARATION

The substrate should be sufficiently sound, loadable, solid, and free of dust, dirt, oil, grease, and interfering agents. Remove parting and sinter layers by appropriate measures. Old ceramic covering surfaces must be thoroughly cleaned and abraded if necessary.

- Gypsum plasters (according EN 13279-1) should have a residual moisture of  $\leq 75\%$  RH.
- Cement-based screeds (28 days old)  $\leq 85\%$  RH.
- Cement-based screeds (heated)  $\leq 75\%$  RH.
- Calcium sulfate screeds must have residual moisture of  $\leq 75\%$  RH.
- Floor heating screed  $\leq 65\%$  RH.

Heated screed temperature must be  $\leq 20^{\circ}\text{C}$  during the

tile setting phase and during the next 24 hours. Observe country-specific guidelines. Uneven substrates must be smoothed with appropriate Casco levelling compound as required. Substrates in wet areas must be protected with an appropriate Casco waterproofing membrane.

### SUBSTRATE QUALITY / PRE-TREATMENT

**Normal absorbent substrates**, prime with Casco® VD Universal Primer (1:3)

- concrete (at least 6 months old)
- cement screeds
- cement plaster
- lime-cement plaster
- gypsum boards.

**Calcium sulphate substrates**, prime with Casco® VD Universal Primer (1:1), drying time at least 24 hours

- calcium sulphate screeds
- gypsum plaster.

**Non-absorbent substrates**, prime with Casco® VD Super Grip

- ceramic coverings (only for indoor and dry areas).

### MIXING

Stir Casco® MultiFix Rapid into cold, clean water. Paddle mixer with 600 rpm recommended.

Mixing ratio:

- 20 kg powder + approx. 4,8 l of water
- 4 kg powder + approx. 1,0 l of water

## APPLICATION

Choose the appropriate notched trowel considering the tile size and the structure of the tile back and the surface to be tiled. Apply adhesive with a notched trowel. Place tiles firmly in the fresh phase of adhesive with a slight twisting motion to ensure sufficient wetting before skinning occurs. For large format of tiles (> 30 x 30 cm) on floors are recommended Casco® MultiFix SuperFlex, on walls Casco® MultiFix Premium instead.

## CLEANING OF EQUIPMENT

Clean tools with water immediately after use.

## 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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### PRODUCT DATA SHEET

Casco® MultiFix Rapid  
October 2023, Version 03.01  
021710102000000164

CascoMultiFixRapid-en-SECASCO-(10-2023)-3-1.pdf