



A SIKA BRAND

## PRODUCT DATA SHEET

# Casco<sup>®</sup> BoardFix

CEMENTITIOUS ADHESIVE WITH HIGH DOSAGE OF POLYMER FOR GLUING VARIOUS CONSTRUCTION & WET ROOM BOARDS.



### DESCRIPTION

Primary intended for gluing gypsum, EPS, XPS, mineral wool, cement-fiber, cement-wood, OSB, chip boards on wall and floor.

### USES

Casco<sup>®</sup> BoardFix is intended for gluing of:

- gypsum boards
- XPS boards (only with a prefabricated thin render and reinforcement surface or with a rough surface (factory sliced boards))
- EPS boards
- mineral wool boards
- cement-wood boards
- cement-fiber boards
- chip boards
- OSB boards

Also suitable for filling holes and cracks on wall, ceiling both for indoor & outdoor use.

### CHARACTERISTICS / ADVANTAGES

- Fast hardening & drying
- Suitable for crack reparation
- Contains microfibers
- Very flexible
- Fine grained
- Low consumption
- Priming is not required on most of the substrates
- Low in chromate according to REACH

### APPROVALS / CERTIFICATES

EC1 Plus: very low emission

### PRODUCT INFORMATION

Composition	cementitious powder with a special synthetic resin additive
Packaging	10,0 kg paper bag
Appearance / Colour	White powder
Shelf life	12 months (in unopened packaging)
Storage conditions	In cool, dry conditions. (in closed packaging)
Density	Powder density approx. 0,9 kg/L; Mortar density approx. 1,30 kg/L
Maximum Grain Size	0,2 mm

### APPLICATION INFORMATION

Mixing Ratio	10,0 kg powder + approx. 4.5 l of water
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<b>Fresh Mortar Density</b>	approx. 1,30 kg/L
<b>Consumption</b>	Consumption of powder: <ul style="list-style-type: none"> <li>▪ 6 mm notched trowel approx. 1,3 kg/m<sup>2</sup></li> <li>▪ 8 mm notched trowel approx. 1,6 kg/m<sup>2</sup></li> <li>▪ For full surface application approx. 1 kg/m<sup>2</sup>/mm</li> </ul>
<b>Layer Thickness</b>	Up to 10 mm
<b>Ambient Air Temperature</b>	Not below +5 °C
<b>Substrate Temperature</b>	Not below +5 °C
<b>Pot Life</b>	Approx. 45 min.at +20 °C

## APPLICATION INSTRUCTIONS

### SUBSTRATE AND PREPARATION

Priming is not required for non-absorbing (ex. old ceramic tiles) or normal absorbing (concrete, cement screed, render) substrates. Highly absorbing substrates prime with Casco® Primer (1:3).

### REQUIREMENTS OF THE SUBSTRATES

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. Observe country-specific guidelines and recommendations of the construction board producer. Uneven substrates must be smoothed with appropriate Casco® levelling compound as required.

### RECOMMENDED METHOD OF WORKING

Stir Casco® BoardFix into cold, clean water (paddle mixer with 600 rpm recommended) to get homogeneous mortar. Choose the appropriate notched trowel, considering the glued board size, the structure of the board reverse side and substrate surface. Casco® BoardFix could be applied on the board reverse side, on the substrate or on both surfaces. Apply adhesive with a notched trowel. Place boards firmly into adhesive/substrate with a slight moving motion to ensure a sufficient wetting, before skinning occurs.

### CLEANING OF EQUIPMENT

Clean tools with water immediately after use.

## 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. Casco® BoardFix is not sandable. Consult the recommendations of the construction board producer.

#### Sika Sverige AB

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## 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.

## 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.

## 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.

## 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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