

PRODUCT DATA SHEET

Casco[®] Kakellim Premium

WHITE, SPECIAL PASTE-BASED TILE ADHESIVE



DESCRIPTION

Especially recommended for absorbing ceramic tiles, ceramic mosaic and glass mosaic in wet rooms on walls.

USES

CASCO KAKELLIM PREMIUM is suitable for setting of:

- on wall
- ceramic tiles on substrates, where stress can occur
- in dry areas
- in wet rooms
- in indoor areas

on absorbing substrates

- fully vitrified tiles
- clinker tiles
- stoneware tiles
- large formats of tiles
- glass mosaic
- natural and artificial stones not sensitive to discoloration
- soft and construction boards

on both absorbing, non-absorbing substrates and CASCO waterproofing membranes

- earthenware tiles
- stoneware mosaic (max. size 10 cm x 10 cm)
- glass mosaic (max. size 10 cm x 10 cm)

CHARACTERISTICS / ADVANTAGES

- No primer is required
- Ready for use
- Very easy in application
- Very long open time
- Low consumption
- Permanently highly elastic
- Ready for grouting after approx. 24 hours
- White

APPROVALS / CERTIFICATES

- D2 TE according to EN 12004

PRODUCT INFORMATION

Composition	Water resistant styrol-acrylate dispersion
Packaging	1l, 3l and 10 l plastic bucket
Appearance / Colour	White paste
Shelf life	12 months
Storage conditions	<ul style="list-style-type: none">▪ In cool, dry, frost-free conditions (in closed packaging)▪ Opened buckets should be closed immediately and used up as soon as possible.▪ Avoid heating above +35 °C and cooling down under +5 °C.
Density	Approx. 1,5 kg/l

TECHNICAL INFORMATION

Temperature Resistance When completely cured, resistant to temperature from +5 °C to +75 °C

APPLICATION INFORMATION

Consumption	<ul style="list-style-type: none">▪ B11 notched trowel approx. 0,8 l/m²▪ 4 mm notched trowel approx. 1,1 l/m²▪ 6 mm notched trowel approx. 1,7 l/m²▪ 8 mm notched trowel approx. 2,1 l/m²▪ 10 mm notched trowel approx. 2,6 l/m²
Ambient Air Temperature	not below +5 °C
Substrate Temperature	not below +5 °C
Open Time	Approx. 40 minutes according to EN 1346 (The open time is subject to temperature and building site condition variations. Therefore check the wetting properties of the applied tile adhesive with the finger.)
Curing Time	Ready for grouting: after approx. 24 hours at +20 °C

APPLICATION INSTRUCTIONS

SUBSTRATE AND PREPARATION

- concrete (at least 6 months old)
 - lime-cement plaster (CS II, CS III of CS IV according to EN 998-1, compression strength $\geq 2,5$ N/mm²)
 - gypsum boards
 - soft and construction boards
 - masonry
 - gypsum bricks
 - old ceramic coverings
 - water resistant multiplex boards (only in dry areas)
- no primer is required

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. Gypsum plasters (according EN 13279-1) at least 10 mm thick, not felted on the surface, otherwise the surface must be abraded, residual moisture $\leq 75\%$ RH. Observe country-specific guidelines. Uneven substrates must be smoothed with the appropriate CASCO levelling compound as required. Substrates in wet areas must be protected with the appropriate CASCO waterproofing membrane. Only absorbent tiles (earthenware tiles) could be used for the applications on top of CASCO waterproofing membranes or on non-absorbent substrates.

RECOMMENDED METHOD OF WORKING

Choose the appropriate notched trowel considering the tile size, 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 a sufficient wetting, before skinning occurs.

CLEANING OF EQUIPMENT

Clean tools with water immediately after use.

IMPORTANT CONSIDERATIONS

Use the appropriate CASCO cementitious tile adhesive for setting tiles on floors as well for setting of non-absorbent tiles on CASCO waterproofing membranes or non-absorbent tiles on non-absorbent substrates. The drying time of adhesive is extended while gluing absorbent tiles on waterproofing membranes or on non-absorbent substrates. For laying mosaic in shower areas on walls only front side paper bonded or front side foil bonded mosaic is recommended. When using complementary products, please refer to the appropriate/relevant product technical data sheet.

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.

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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.

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