



BUILDING TRUST



PRODUCT DATA SHEET

SUPRACOAT THIN BED ADHESIVE

Cementitious thin-bed mortar adhesive for the laying of AAC/ALC blocks and panels

DESCRIPTION

SUPRACOAT THIN BED ADHESIVE is a polymer modified cementitious mortar adhesive for the fast laying of Aerated Lightweight Concrete (ALC) and Autoclaved Aerated Concrete (AAC) blocks and panels.

FEATURES

- Excellent bond strength
- Consistent quality
- Easy to use and apply

USES

Used for the laying of ACC and ALC blocks, and panels.

PRODUCT INFORMATION

Packaging	40 kg bag
Appearance and colour	Grey powder
Shelf life	6 months from date of production
Storage conditions	Store properly in dry conditions, in undamaged and unopened, original sealed packaging. Keep away from direct sunlight, rain, water and moisture.

TECHNICAL INFORMATION

Tensile adhesion strength	$\geq 0.5 \text{ N/mm}^2$	(BS EN 1015)
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APPLICATION INFORMATION

Mixing ratio	10.4–11.2 L of water per 40 kg bag
Pot Life	60 minutes at +28 °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.

IMPORTANT CONSIDERATIONS

- Do not add water to adhesive that has already exceeded its potlife
- When mixing SUPRACOAT THIN BED ADHESIVE, do not exceed the minimum and maximum recommended water requirement
- Protect freshly applied material from rain, water, wind, etc.

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

All surfaces must be structurally sound, clean, and free from dust, grease, oil, wax, curing compound and any loose or contaminating materials which will inhibit bonding.

MIXING

Add SUPRACOAT THIN BED ADHESIVE to clean water. Mix thoroughly for 3–5 minutes using a mechanical mixer until a creamy consistency, lump free homogeneous mortar paste is observed. Allow the mortar paste to stand for a few minutes. Remix for ~15 seconds, the adhesive is now ready for application.

APPLICATION

Spread SUPRACOAT THIN BED ADHESIVE using a notched trowel to the entire surface of the block to achieve a joint thickness of approximately 2 mm after bedding. The adhesive should be applied gradually as work progresses but not more than 2 blocks at a time. Adhesive droppings should not be reused. A bed thickness of approximately 2 mm should be maintained after bedding.

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LOCAL RESTRICTIONS

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

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika 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.

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