

PRODUCT DATA SHEET

SikaMur[®]-100 Block Bond

(formerly Davco[®] Block Bond ECO)

JOINT ADHESIVE FOR LIGHTWEIGHT BLOCKS/PANELS



DESCRIPTION

SikaMur[®]-100 Block Bond is a cementitious adhesive that is ideal for jointing lightweight block and panels.

SikaMur[®]-100 Block Bond is specially formulated with Ordinary Portland Cement, approved recycled materials, graded sand and chemical additives to have lower embodied carbon footprint while providing a durable adhesive for light-weight blocks and panels (AAC/ALC).

USES

SikaMur[®]-100 Block Bond is designed for the easy and quick installation of light-weight autoclaved aerated blocks and panels.

CHARACTERISTICS / ADVANTAGES

- Premixed to ensure good consistent quality
- Prepacked for convenience in handling and transportation
- Water resistant and good workability
- High bond strength
- Good weather resistance and high durability
- No pre-wetting of joint surfaces required

APPROVALS / STANDARDS

Singapore Green Building Product (Leader) Cert. No. SGBP 3435

PRODUCT INFORMATION

Packaging	25 kg/bag
Colour	Grey
Shelf Life	12 months from the date of production
Storage Conditions	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight and frost.
Effective Thickness	Recommended Joint Thickness 2.0 mm to 4.0 mm thick
Consistency	Homogeneous mortar paste

APPLICATION INFORMATION

Mixing Ratio	5.5 - 6.0 ltr of water to 25 kg bag
Consumption	~ 20 m ² / 25 kg
Pot Life	60 min

Open Time	≤ 20 minutes		(@ 25°C)
Setting Time	Min	3 hrs	
	Max	8 hrs	

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

SURFACE PREPARATION

Remove all dust, oil or traces of foreign materials.

MIXING

Mix the product thoroughly within the recommended water ratios using an electrical mixer for 3 to 5 minutes until the desired homogeneous mortar paste is achieved. Ensure the mix is free from lumps before use.

Allow the mixture to stand for 5 -10 minutes, and re-mixed before use.

APPLICATION

Apply SikaMur®-100 Block Bond onto clean joint substrate with an appropriate notched trowel. The material can be applied at a recommended thickness of 2 - 4 mm. Ensure good contact is achieved between mortar adhesive and block surface. This is best achieved by laying the blocks as soon as the mortar is applied. The blocks can be adjusted to proper alignment by using a rubber mallet.

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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