

PRODUCT DATA SHEET

GIP Panel Adhesive

AAC PANEL ADHESIVE

DESCRIPTION

GIP Panel Adhesive is a one component, pre-packed polymer modified light brick adhesive mortar combining cement with selected grades of sand and several admixtures.

USES

For bonding of AAC Panel with thin bed system.

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion
- More efficient, only ± 5 mm thickness
- Faster working process
- Can be Render or Skimcoat in 1 x 24 hours
- Easy to use and apply, just add water

PRODUCT INFORMATION

Packaging	40 kg bag
Shelf life	9 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage conditions	Stored in dry conditions at temperatures between +5 °C and +30 °C
Appearance and colour	Powder / Grey
Density	~1.65 kg/L

TECHNICAL INFORMATION

Compressive strength	28 days	~12 N/mm ²	(ASTM C-109)
Tensile adhesion strength	28 days	~0.5 N/mm ²	(BS EN 1015-12)

APPLICATION INFORMATION

Mixing ratio	Water : GIP Panel Adhesive	10.0 – 10.8 L : 40 kg (by weight)
	Water : GIP Panel Adhesive	1 : ± 2.7 (by volume)
	(as per consistency requirement)	
Consumption	~40 – 44 m ³ / 40 kg bag / 5 mm (AAC Panel 10 cm thickness)* *depend on substrate surface profile	
Layer thickness	3 - 5 mm	
Ambient air temperature	+8 °C to +40 °C	

Pot Life	~1 h (at +30 °C)
Waiting time to overcoating	Waiting Time Before Finish Coat > 24 h

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Application area surface must be clean, level and uncontaminated by oil or grease. Remove cement laitance, dust, oil and loosely adhering particles.

APPLICATION

- Pour 10.0 – 10.8 litre of water into mixing vessel then add 40 kg GIP Panel Adhesive slowly and mix properly.
- Mixing time is ~3 minutes. A slow speed mixer is recommended (300 – 600 rpm).
- Apply with trowel then fix the panel. Proceed to apply while the adhesive is still wet.
- Waiting time before finish coat application minimum 24 hours.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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