

# PRODUCT DATA SHEET

## GIP Adhesive

### BONDING OF GIP PANEL METAL BRACKET (COATING - 2 COMPONENT)

#### DESCRIPTION

GIP Adhesive is a two component, pre-packed polymer modified cementitious slurry mortar comprising of a liquid polymer and cement with selected grades of sand and several admixtures. It has excellent adhesion and high performance.

#### USES

For metal bracket adhesive at GIP Panel, before apply of finish coat or render.

#### CHARACTERISTICS / ADVANTAGES

- Prevent from lost bonding and cracking
- Good impermeable
- Excellent adhesion and good resistance to abrasion
- Non-toxic
- Slightly flexible
- Easy to use and apply, only requires mixing of both material

#### PRODUCT INFORMATION

<b>Packaging</b>	29.8 kg set (Component AB) Comp A (Liquid) = 4.8 kg Comp B (Powder) = 25 kg									
<b>Appearance / Colour</b>	<table border="1"> <thead> <tr> <th>Appearance</th> <th>Colours</th> </tr> </thead> <tbody> <tr> <td>Comp. A = Liquid</td> <td>Comp. A = White</td> </tr> <tr> <td>Comp. B = Powder</td> <td>Comp. B = Grey</td> </tr> <tr> <td></td> <td>Comp. A+B = Concrete Grey</td> </tr> </tbody> </table>	Appearance	Colours	Comp. A = Liquid	Comp. A = White	Comp. B = Powder	Comp. B = Grey		Comp. A+B = Concrete Grey	
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<b>Shelf life</b>	9 months from date of production if stored properly in original, unopened and undamaged sealed packaging.									
<b>Storage conditions</b>	Stored in dry conditions at temperatures between +5 °C and +30 °C									
<b>Density</b>	~1.95 ± 0.05 kg/L (Comp. A + B mixed)									

#### TECHNICAL INFORMATION

<b>Compressive strength</b>	28 days	~22.0 N/mm <sup>2</sup>
<b>Tensile strength in flexure</b>	28 days	~10.0 N/mm <sup>2</sup>
<b>Tensile adhesion strength</b>	28 days	~1.0 N/mm <sup>2</sup>

## APPLICATION INFORMATION

<b>Mixing ratio</b>	Comp. A : Comp. B	1 kg : 5.25 – 5.5 kg (by weight)
	Comp. A : Comp. B	1 : ± 4 (by volume)
(as per consistency requirement)		
<b>Consumption</b>	1 - 1.5 kg set/m <sup>2</sup> /coat (depend on substrate surface)	
<b>Ambient air temperature</b>	+8 °C to +40 °C	
<b>Pot Life</b>	~30 min (at +30 °C)	

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Metal bracket surface must be clean, free of oil, grease and rust.

Remove cement laitance, dust, and loosely adhering particles.

### MIXING

- Pour approximately 1/2 of Component A into mixing vessel then add Component B slowly and mix properly.
- Add remaining component A while continuing to mix. Mix to a uniform consistency.
- Mixing time is 3 minutes. A slow speed mixer is recommended (300 – 600 rpm)

### APPLICATION

- Apply with putty knife or trowel or brush, minimum 2 coats.
- Add Mesh (80 gram) in the middle of wet coat.
- Waiting time before finish coat or render or plaster application minimum after 24 hours.

### CLEANING OF EQUIPMENT

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

## IMPORTANT CONSIDERATIONS

- Must use component A (liquid) and B (powder) of GIP Adhesive in 1 set, CANNOT be replaced one of them with other brand or added with other ingredients (water, cement or sand).
- For application on GIP Adhesive, use GIP Panel Skim-coat or GIP Panel Render

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### Product Data Sheet

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## 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.

## 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.

## 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 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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