

PRODUCT DATA SHEET

Sika® Prohesive Progrip

A PRE-MIXED, READY TO USE TILE ADHESIVE FOR INTERNAL WALL SUBSTRATES

DESCRIPTION

Sika® Prohesive Progrip is a premixed, ready to use dispersion adhesive designed for use with tiles on internal wall substrates.

Sika® Prohesive Progrip is a smooth trowelable paste with excellent hanging capabilities.

USES

Sika® Prohesive Progrip is suitable for use as an adhesive for thin bed tiling applications on internal walls.

SUITABLE TILE TYPE ARE;

Porous backed Ceramic tiles*

Porous backed Mosaics*

*Suitable for fixing tiles up to 450x450 / 600x300mm in dimension.

*Non suitable for fixing natural stone.

Tiles must be porous backed tiles with a minimum porosity of $\geq 5\%$

SUITABLE SUBSTRATES INCLUDE;

Concrete Masonry

Fibre Cement boards*

Gypsum Plasterboard*

*refer to board manufacturers instructions for further details and load limits

CHARACTERISTICS / ADVANTAGES

- Pre-mixed, no wastage
- Easy to spread and apply
- Excellent non slump / hanging properties
- Water washable
- Low VOC

PRODUCT INFORMATION

Product declaration	D1TE Class adhesive AS ISO 13007:2013
Packaging	4 & 15 Litre Pails 4 Litre Pails - 4 Pails per Box 15 Litre Pails - 48 Pails per Pallet

Shelf life	12 Months from date of manufacture.
Storage conditions	Store in dry cool conditions for maximum shelf life. Product may need re-stirring prior to use.
Appearance and colour	White paste

TECHNICAL INFORMATION

Shear adhesion strength	<u>Shear adhesion strength</u>	$\geq 1 \text{ N/mm}^2$	AS ISO 13007.2:2010
	<u>Shear adhesion strength after heat ageing</u>	$\geq 1 \text{ N/mm}^2$	
Slip resistance	<u>Verticle slip resistance</u>	$\leq 0.5 \text{ mm}$	AS ISO 13007.2:2010

APPLICATION INFORMATION

Consumption	Notched Trowel Size	Approx coverage per 15 Ltr Pail
	4mm Notched Trowel	12m ²
	8mm Notched Trowel	7-8m ²
Ambient air temperature	+5°C Min / +35°C Max	
Substrate temperature	+5°C Min / 35°C Max	
Open Time	30 Minutes at 23°C & 50% RH	
Adjustability time	Up to 1.5 hours dependant on tiles and substrate porosity.	
Applied product ready for use	USE	WAIT TIME
	Grouting on Walls	20-24 Hours
	Full Use	5-7 Days
<p>Values determined at laboratory conditions: 23°C & 50% RH. Higher temperatures with reduce times and lower temperatures will increase times. Tile and substrate porosity will impact adhesive drying times.</p>		

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.

- Adhesive drying times will vary dependant on the porosity of the tile and substrate.
- Cool and cold temperature will extend the drying times of Sika® Prohesive Progrid.
- Contact Sika Australia for advise if further information is required.

IMPORTANT CONSIDERATIONS

- Sika® Prohesive Progrid is not suitable for applications over tongue and groved timber flooring, plywood, medium density fibre board, or masonite.
- Sika® Prohesive Progrid is not suitable for moisture sensitive stone.
- Mechanical fixing is recommended when fixing internally above 3 meters.
- Sika® Prohesive Progrid is not suitable to be applied directly over solvent based waterproof membranes.
- The performance of Progrid Paste adhesives will be compromised when used above 35°C and under 5°C.
- Efflorescence is beyond the control of the manufacturer.
- Sika® Prohesive Progrid is not suitable for submersed applications.
- Sika® Prohesive Progrid is not suitable for floor or external applications.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Substrate Deflection: All substrates under loads must not exceed L/360 for tiling applications.

Sheeted / Board substrates: All boards must be fixed in strict accordance to manufacturers instructions and specifically designed to tiling.

Concrete Masonry Substrates: Ensure substrate is dry, and free from residual moisture.

Waterproof Membranes: Application over Sika approved membranes only. Ensure tiles are porous (>3% absorption). Drying of adhesive will be extended over waterproof membranes, please ensure adhesive is dry prior to grouting.

Priming:

Porous Substrates: Eco Prime WB

APPLICATION

Tiles shall be fixed in accordance with AS3958.1-2007. Ensure the backs of the tiles are clean and free from dust and contaminants.

Apply the adhesive to the substrate with the appropriate sized trowel to achieve coverage requirement on both substrate and the back of the tile. Tiles may require "back-buttering" to achieve minimum coverage requirements.

Apply the adhesive with the notched trowel in a single direction. While pressing the Tile into the wet adhesive, break the ridges with the tile to fully bed the tile into the adhesive.

It is advisable to periodically check the back of the tiles to ensure adequate adhesive coverage is achieved in accordance to the standard.

Only apply as much adhesive that can be covered by the tiles prior to the adhesive skinning. If skinning occurs prior to placement of tiles remove and replace.

Remove any excess adhesive from the face of the tiles with a damp sponge and ensure grout joints are clean and free from excess adhesive and uniform depth.

Movement, Expansion, and Control joints must be installed as per AS ISO 3958.1-2007.

ProGrip Paste adhesive is not suitable for tile over tile applications, please consult your local sika representative for advice for these applications.

CLEANING OF EQUIPMENT

Tools and equipment can be cleaned with water while the adhesive is still wet.

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.

Sika Australia Pty Ltd
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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 cur-

rent 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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Product Data Sheet

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