

PRODUCT DATA SHEET

PROHESIVE PRO2PART

A 2 component, latex fortified, rubber modified cement based adhesive for application that require a highly flexible tile adhesive.

DESCRIPTION

PROHESIVE PRO2PART is a highly flexible, latex fortified, rubber modified, cement based adhesive for internal tiling applications. PROHESIVE PRO2PART is suitable for a variety on substrates including, particle board flooring that complies with deflections standards.

USES

PROHESIVE PRO2PART

Is suitable for thin bed tiling applications.

Is suitable for use internally.

Is suitable for use over Sika approved waterproof membranes.

SUITABLE TILE TYPES ARE;

Ceramic Tiles

Porcelain Tiles

Terracotta

SUITABLE SUBSTRATES INCLUDE;

Concrete (concrete greater than 25 Mpa must have mechanical preparation prior)

Compressed cement boards*

Particle Board*

Ceramic Tile Underlay / Fibre Cement Boards

Masonry

Gypsum Plasterboard

*Refer to board manufacturers strict installation instructions and ensure substrate meets deflection standards as per AS ISO 3958.1:2007.

CHARACTERISTICS / ADVANTAGES

- Flexible S2 Performance
- Excellent workability
- Low VOC
- Non combustable
- Wall & floor applications

PRODUCT INFORMATION

Product Data Sheet

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April 2023, Version 01.02

02171010200000228

Product declaration	C1ES2 Class adhesive AS ISO 13007.1
Packaging	1 x 15Ltr Admixture & 2 x 15kg Bags
Shelf life	12 Months from date of manufacture.
Storage conditions	Store off ground in dry cool conditions (high humidity will reduce shelf life).

TECHNICAL INFORMATION

Transverse deformation	≥5mm			
Tensile adhesion strength	Test	Result	Requirement	AS ISO 13007
	Initial Tensile	≥1 N/mm ²	≥.5 N/mm ²	
	After water	≥.6 N/mm ²	≥.5 N/mm ²	
	After heat	≥.8 N/mm ²	≥.5 N/mm ²	

APPLICATION INFORMATION

Mixing ratio	7.5 Litres of Pro 2 Part admixture per 15kg Bag of Pro 2 Part Powder.	
Consumption	Notched Trowel Size	Approx coverage per Kit (15Ltr/30kg)
	6mm Notched Trowel	18m ²
	10mm Notched Trowel	12m ²
	Consumption is always dependant on the substrate, surface profile, roughness and application technique.	
Ambient air temperature	+5°C Min / +35°C Max	
Substrate temperature	+5°C Min / +35°C Max	
Pot Life	1.5 hours at 23°C & 50% RH	
Open Time	30 Minutes at 23°C & 50%RH	
Applied product ready for use	USE	WAITING TIME
	Grouting of walls	24 hours
	Grouting of floor	24 hours
	Light Floor Traffic	24 hours
	Full Service	5-7 Days
	Values determined at laboratory conditions: 23°C, & 50% RH. Higher temperatures will reduce wait times and lower temperatures increase.	

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

- PROHESIVE PRO2PART cannot be used over tongue and grooved timber flooring, marine plywood, medium density fibre board, or masonite.
- PROHESIVE PRO2PART is not suitable for moisture sensitive stone.
- PROHESIVE PRO2PART is not suitable to be applied directly over solvent based waterproof membranes.
- The performance of cement based adhesives will be compromised when used above 35°C and under 5°C.
- Efflorescence is beyond the control of the manufacturer.
- PROHESIVE PRO2PART is not suitable for submersed applications.
- Contact Sika Australia for advise if further information is required.

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

- Substrate deflection, all substrates under loads must not exceed L/360 for tiles and L/450 Stone.
- Substrates must be properly cured, structurally sound, free from friable particles, clean, dry, and free from contaminates such as crystalline admixtures, release agents, laitance or efflorescence.
- Dependant on substrate condition and contamination to be removed from the surface, perform adequate preparation techniques, such as water blasting, scarification in order to remove all traces of contamination that could reduce the products adhesion to the substrate.
- Substrate correction may be requires with the use of Sika mortar beds, or Sikafloor® cement based leveller.
- For wet areas, a suitable Sika under tile waterproof membrane should be used prior to tiling.

CONCRETE FLOORS: Allow 28 days for concrete to cure. Concrete shall be left with open surface - steel trowel finishes are generally acceptable if they accept water. Wood float finishes are preferred where possible.

CEMENT MORATR BEDS / SCREEDS: Must be installed as per AS ISO 39.58.1:2007.

SHEETED / BOARD SUBSTRATES: All boards must be installed as per manufacturers instructions, and specifically designed for tiling.

PRIMING:

Porous substrates: used Eco WB

Non Porous substrates: Eco Systems Prep n Prime Particle Board requires the use of Prep n Prime prior to application of adhesive.

MIXING

Prior to mixing, thoroughly stir the Pro 2 Part Liquid

(Part B). Pour the Pro 2 Part liquid into a mixing container and gradually pour the Pro 2 Part powder (Part A) and stir with a slow speed drill (500RPM). Mix for 2-3 minutes to a smooth lump free homogenous consistency. Allow the mixture to stand (slake) for 5 minutes and then restir for an additional minute. Do not add any additional Pro 2 Part liquid to the mixture. Restirring the mixture during its potlife may be required. No water is to be used.

APPLICATION

Tiles shall be fixed in accordance to with AS 3958.1-2007.

- Ensure the backs of tiles are clean and free from dust and contaminates.
- Apply the adhesive to the substrate with the appropriate sized notched 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 a notched trowel in a single direction. Apply the tile, while pressing 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 backs of the tiles for adhesive coverage requirements as the AS3958.1-2007.
- Only apply as much adhesive that can be covered prior to adhesive skinning. If skinning occurs remove and replace with fresh adhesive.
- Remove any excess adhesive from the face of the tile with a damp sponge and ensure grout joint are of uniform depth.
- Movement, expansion and control joints must be installed as per AS 3958.1-2007.
- For tile over tile applications, existing tiling must be adequately cleaned prior to application. Ensure existing tiling is sound and free from defect. Prime existing tiles with Prep n Prime and allow to dry. Gloss or polished tiles must be mechanically prepared prior to priming with Eco Prep n Prime.

CLEANING OF EQUIPMENT

Tools and equipment can be clean with water while 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.

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LEGAL NOTES

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