



Technical Data Sheet

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Product name

Plascon Plaster KeyBond

PRODUCT DESCRIPTION

A water-based plaster key and bonding liquid that improves plaster adhesion to smooth surfaces, penetrates powdery substrates, and can be added to cementitious mixes to enhance bonding.

INTENDED USES

- Suitable for interior and exterior use on a variety of masonry substrates.
- As a plaster key to improve adhesion on new plaster to smooth or low porosity surfaces.
- As a bonding liquid to seal dusty, friable or chalking surfaces prior to plastering or painting.
- As a bonding aid for cementitious mixtures such as screed, patching compounds and repair mortars to improve adhesion and reduce dusting.

FEATURES AND BENEFITS

- Provides a key to smooth surfaces without needing to chip or hack.
- Penetrates and consolidates powdery surfaces.
- Reduces surface dusting on friable substrates.
- Enhances bonding when used as an additive in cementitious mixtures.
- Water based and versatile 2-in-1 Plaster key and Bonding Liquid.

PRODUCT INFORMATION

Appearance	: Medium sheen
Colours	: Milky – dries clear
Generic Type	: Acrylic Emulsion
Specific Gravity	: 1g/ml
Theoretical Spreading rate	: 3 - 5m ² /ℓ
Practical Spreading rate	: The practical spreading rate will vary depending on the type and profile of the substrate as well as the application technique and tools used.
VOC	: 0g/L



APPLICATION DETAILS

Mixing	: Stir thoroughly with a flat paddle until homogenous.		
Method	: Brush, roller or spray.		
Thinning	: Not recommended - ready for use		
Cleaning	: Water		
Application environment	: Ambient Temperature	Min*: 10°C	Max: 40°C
	: Relative Humidity	Min*: 10%	Max: 85%
	*or 3°C min. above dew point		
Drying Time	: Touch Dry	30 Minutes	
	: Recoating	4 hours max	

STORAGE AND PACKAGING

Store away from direct sun, heat and severe cold.

Packaging: 1L ,5 L and 20 L.

SURFACE PREPARATION

Ensure that surfaces are sound and dry and free from dust, dirt, grease and oil before painting.

New Masonry Surfaces

(Cement plaster, concrete, fibre cement)

- Ensure surfaces are fully cured and dry
- Remove dust and contaminants by brushing or washing

Smooth / Low Porosity Surfaces

- Ensure surfaces are clean, dry and free of contaminants
- Apply Plascon Plaster KeyBond as a plaster key prior to plaster/render

Friable / Powdery / Chalking Surfaces

- Remove as much loose and powdery material as possible by brushing or washing
- Allow surface to dry
- Apply Plascon Plaster KeyBond to consolidate and bind the surface

Previously Painted Surfaces

- Remove all loose, flaking or poorly adhering paint
- Clean surfaces thoroughly
- Glossy surfaces must be sanded to a matt finish





APPLICATION INFORMATION

Plaster Key Application

- Apply Plascon Plaster KeyBond evenly onto the prepared surface with a brush or roller.
- While the coating is still wet/tacky apply the plaster/render

Scratch Coat Application

- Mix 2 parts sand with 1 part cement, add Plascon Plaster KeyBond gradually until a suitable consistency for brush application is achieved.
- Apply the scratch coat to the prepared surface, allow to dry and then apply the plaster/screed layer.

Bonding Liquid Application

- Apply Plascon Plaster KeyBond with a brush or roller to friable surfaces.
- For very absorbent surfaces apply a 2nd coat once dried.
- Allow a minimum of 30 minutes of drying before overcoating with a water-based topcoat.
- Allow a minimum of 7 days of drying before applying a solvent-based topcoat.

Bonding Aid Application

- Add Plascon Plaster KeyBond at 10% of the total water addition when preparing repair mortars or patching compounds.
- Mix thoroughly to ensure uniform dispersion and improved bonding performance.

CAUTIONS

- Not intended for use as a structural cement modifier or high-performance waterproofing admixture.
- Not recommended for use on metal, plastics or bituminous surfaces.
- Performance may be reduced on highly friable or severely degraded substrates without adequate surface preparation.
- Not intended as a tile adhesive additive or for heavy load-bearing cement applications.

SAFETY PRECAUTIONS

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- In case of skin contact, wash with soap and water or a recognised skin cleaner.
- Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
- Harmful if swallowed. Do not induce vomiting. Seek medical attention.





- Refer to Safety Data Sheet for complete information.

DISCLAIMER

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

KANSAI PLASCON (PTY) LTD

10 Frederick Cooper Drive,
Factoria, Krugersdorp
South Africa
1739.

Tel: +27 11 951 4500

Fax: +27 800 110 932

PLASCON ADVISORY SERVICE: 0860 20 40 60

EMAIL: advice@kansaiplascon.co.za

