

TECHNICAL DATA SHEET

PROMINENT SELECT BONDING LIQUID

Date: January 2025



THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

PRODUCT DESCRIPTION

A solvent-based acrylic solution sealer and binder.

INTENDED USES:

1. For bonding powdery and chalky surfaces.
2. For bonding previously lime-washed surfaces.
3. For bonding chalky PVA surfaces.
4. For bonding chalky cement roof tiles.

FEATURES:

1. Good penetration into absorbent and chalky surfaces.
2. Easy to apply.
3. Good binding properties.

PRODUCT INFORMATION:

Appearance:	Clear.
Colours:	Clear.
Solids:	39.2% by mass and 26.14% by volume.
Density:	0.82Kg/litre.
Recommended Dry Film Thickness:	Not applicable.
Spreading rate:	5 - 10m ² /litre dependent on surface porosity and texture.
Viscosity at 23°C:	Not applicable
Flashpoint:	35°C.
Respecting the environment:	Dispose of excess product and containers in a responsible manner without harming the environment.

This product is manufactured under strict SABS ISO 9001:2015 quality standards.

STORAGE:

Keep containers properly sealed.
Store away from direct heat, sun and severe cold in a place with adequate ventilation.

PACKAGING:

1Lt, 5Lt, 20Lt

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APPLICATION DETAILS:

Mixing:	Stir well before use with a flat paddle to an even consistency. Stir occasionally during use.		
Method:	Roller (mohair) and brush.		
Thinning:	Not applicable		
Cleaning:	Remove as much of the product as possible from the application equipment before cleaning with Prominent Mineral Turpentine.		
Application Conditions:	<u>Surface Temperature</u>	<u>Ambient Temperature</u>	<u>Relative Humidity</u>
	Min: 5°C	Min: 5°C	Min: 10%
	or 3°C above dew point, if possible, away from direct sunlight		
	Max: 40°C	Max: 40°C	Max: 85%
Drying time:	<u>Touch dry:</u> 4h at 23°C	<u>Overcoating:</u> 18h at 23°C	
	Note: higher temperatures will accelerate the drying times (approximately halved for every 10°C increase) whilst lower temperatures will retard the drying times (approximately doubled for every 10°C decrease).		
Recoating time:	18 hours to 48 hours maximum at 23°C.		
Requirements:	1 - 2 or more coats depending on the surface conditions.		

SURFACE PREPARATION

Surfaces must be sound, clean, and dry (moisture content below 15%) before painting.

New Work:

1. New, sound plaster: Ensure the plaster is dry. Brush down well to remove as much of the loose material as possible and then apply directly.
2. Friable plaster: Remove all friable plaster and re-plaster with the correct recommended ratio.
3. Friable floor screed: Not recommended.

Redecorating:

1. Chalky PVA: Remove chalkiness by high pressure water washer 200bar / 2900psi with a rotating nozzle or Prominent General Purpose Cleaner diluted 1:10 with water and a nylon scrubbing brush. Rinse with clean water, allow drying and then apply a coat of Prominent Select Bonding Liquid diluted 20% with Prominent Mineral Turpentine. Apply second coat undiluted.
2. Lime-wash: Remove chalkiness by high pressure water washer 200bar / 2900psi with a rotating nozzle or Prominent General Purpose Cleaner diluted 1:10 with water and a nylon scrubbing brush. Rinse with clean water, allow drying and then apply a coat of Prominent Select Bonding Liquid diluted 20% with Prominent Mineral Turpentine. Apply second coat undiluted.

In all cases, it is necessary to perform a crosshatch adhesion test to ensure proper binding of the substrate took place before the final finishing application commences.

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LIMITATIONS:

1. Cannot be applied to damp surfaces.
2. Too much penetration can occur, thus no bonding takes place on the surface and would require further coats.
3. Product must not be applied to leave a varnish-like surface and then recoated.
4. Product must penetrate the surface to be bonded and thus must be applied directly to the plaster.
5. Cannot be used on enamel finishes or steel.
6. The product has poor UV resistance, and thus should be overcoated.
7. Product must only be overcoated once completely dry.
8. Cannot serve as a primer for Prominent Stoep Enamel or 2-Pack Epoxies.

SAFETY PRECAUTIONS:

1. Keep out of reach of children.
2. Ensure to maintain good ventilation during application and drying process.
3. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice
4. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice.
5. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria. MSDS is available on www.prominentpaints.co.za or from Prominent Customer Service Centre.
6. To avoid any risk of spillage, always transport in a secure upright position.

DISCLAIMER:

The information contained herein is given in good faith and is meant merely as a guide for the specifier or user. It is gained from results obtained from our experience and tests conducted under controlled conditions. No warranty/guarantee is implied since the conditions of use, application method, substrate and cleanliness of the substrate are beyond Prominent control. For a surface specific specification contact the Prominent Customer Service Department for assistance. This issue supersedes all previous publications.

Important Note: 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 for reference. Prominent Technical Data Sheets are available on www.prominentpaints.co.za or from the Prominent Customer Service Department.

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