



BONDING LIQUID

PRODUCT CODE: CVI 14

TECHNICAL DATA SHEET NO: PL-40

DATE: JUNE 2010

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A transparent green, matt, resin based binding agent for interior and exterior use.													
Intended Uses	<ul style="list-style-type: none">Recommended for use on cleaned surfaces which were previously lime washed, loose and friable surfaces and under-bound masonry surfaces as a binding agent.For use on excessively porous surfaces such as gypsum plaster as a sealer coat prior to application of the undercoat or topcoat.													
Features	<ul style="list-style-type: none">Binds and consolidates soft, friable and under-bound surfaces.A versatile clear alkali resistant sealer which prevents efflorescenceExcellent penetration into excessively porous surfaces.Provides adhesion to gypsum plaster for solvent and water-based topcoatsPromotes adhesion with subsequent coatsDoes not have maximum over coating timeUse as water resistant barrier coat on , porous brick and concrete													
Product Information	Appearance Colour Solids S G Practical spreading rate Theoretical spreading rate Viscosity at 23 °C Flash Point	Matt/semi gloss depending on substrate Transparent with a green tint Approx. 12 % by mass; 12 % by volume 0.80 (typical) 5 m ² /ℓ (typical). The spreading rate depends on the texture and absorbency of the surface to be treated. 10 - 12 " Ford Cup No. 4 (typical) 38 °C												
Application Details	Mixing Substrate Method Thinning Cleaning Application Environment Drying time	Stir thoroughly with a flat paddle. Cement, gypsum plaster, porous brick, concrete and friable masonry. Brush, roller or spray. Ready for use. Do not thin. MINERAL TURPENTINE (AZH 1). <table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td colspan="3">or 2 °C min. above dew point</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr></table> Touch dry Recoating Dry to handle 1 h at 23 °C Min: Max: 4 h at 23 °C N/A 1 h at 23 °C	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
Surface Temperature	Ambient Temperature	Relative Humidity												
Min: 10 °C	Min: 10 °C	Min: 10%												
or 2 °C min. above dew point														
Max: 40 °C	Max: 40 °C	Max: 85%												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 1ℓ, 5 ℓ and 20ℓ.													



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Surface Preparation	<p>Surfaces must be clean, dry, and free from dust, oil, grease or any other contaminants before painting.</p> <p>FRIABLE MASONRY SURFACES:</p> <ul style="list-style-type: none">Remove loose material and repair as necessary. Allow cement plaster and concrete to cure and dry adequately before treating with BONDING LIQUID (CVI 14) <p>PREVIOUSLY PAINTED SURFACES:</p> <ul style="list-style-type: none">Remove all loose and flaking paint. Thoroughly brush down chalked and powdery paint. <p>PREVIOUSLY LIMEWASHED AND DISTEMPERED SURFACES:</p> <ul style="list-style-type: none">Surfaces must be thoroughly wire-brushed, scraped and sanded to remove all limewash i.e. until the underlying plaster or brickwork is visible, known as the "grey state". Remove distemper, with hot water and scraping. Wash surfaces thoroughly with POLYCELL SUGAR SOAP POWDER solution and rinse with clean water. Allow surfaces to dry out thoroughly before applying BONDING LIQUID (CVI 14).
Application	<ul style="list-style-type: none">Apply a full coat to highly porous surfaces to achieve maximum penetration and consolidation of poor substrates and allow to dry for 4 hours at 23 °C.Apply two or more coats to gypsum plaster to achieve best binding properties.Application by brush or roller is the preferred method to allow the material to be worked into the surface.The material can be sprayed.
Caution	<ul style="list-style-type: none">Not suitable for wet surfaces.Do not overcoat within 4 hours.Sand glossy patches
Safety Precautions	<ul style="list-style-type: none">Always keep paint out of reach of children.Ensure good ventilation during application and drying.If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.Harmful if swallowed. Seek medical attention and do not induce vomiting.Do not smoke while painting.Flammable. Store in a cool dry place away from heat and sparks.Refer to Material 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.

N.B. 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.

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

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