



BONDING LIQUID

PRODUCT DESCRIPTION

A clear alkali resistant resin based bonding agent.

PRODUCT FEATURES

A low viscosity clear versatile sealer. Bonding liquid is designed to have excellent penetration of porous surfaces & is recommended for use on previously lime-washed surfaces & powdery surfaces as well as excessively porous surfaces as a sealer prior to application of a paint specification. Ideal for sealing roof tiles prior application of Roof & All. Suitable for masonry surfaces to bind, strengthen & seal, thereby reducing the amount of finishing paint to be applied.

TECHNICAL INFORMATION

Colour: Clear
Appearance: Gloss
Generic type: Alkali resistant synthetic resin
Total solids: 25%
Viscosity: 15 seconds (Ford cup no 4)
Spreading rate: 6 - 8m²/litre
DFT: Should not leave a film on surface
Solvent: Hydrocarbons
Mix ratio: Single pack ready for use
Packaging: 1, 5 & 20 litre & 200 litre on request

SURFACE PREPARATION

All surfaces are to be clean, dry, free from loose paint, oil, grease & other contamination.

APPLICATION

Bonding liquid should be applied to correctly prepared Surfaces, e.g:

Wood: Sanded & dust free

Masonry: Remove as much as possible of powdery surface with wire brush & sand paper

Airless spray: No dilution necessary
Nozzle pressure: 100 – 120 bar
Nozzle orifice: 0.015"

Conventional spray: No dilution recommended
Air pressure: 2 – 3 bar
Nozzle orifice: 1.5 – 2mm

Brush and Roller: 10% dilution recommended

Clean up: Use Mineral Turpentine or Lacquer Thinners for dilution & clean up

ENVIRONMENT

It is recommended that application be confined to following:
Surface temperature: Min. 5°C Max. 45°C
Ambient temperature: Min. 5°C Max. 45°C

Relative humidity: Min.0% Max.85%
Or at least 3°C above Dew point

POT LIFE

Infinite. Air drying after evaporation of thinners. Do not leave container open.

DRYING TIME

The drying time is dependent on temperature & ventilation. The higher the temperature & the better the ventilation, the shorter the touch dry & hard dry times.

Substrate Temp	Touch Dry	Hard Dry
15°C	3 hours	24 hours
20°C	1 hour	18 hours
25°C	25 minutes	12 hours

OVERCOATING TIMES

10°C: 24 hours
15°C: 20 hours
20°C: 16 hours
25°C: 12 hours

All the above are given as guidelines only & can not be assumed to be absolute, as variances will result from different film thickness, environment & temperature.

STORAGE AND HANDLING

Store away from direct sunlight, open flames & severe cold.
Shelf life: 1 year in original sealed containers.
Flash point: 24°C

LIMITATIONS

Must be over coated within 72 hours to avoid excessive hardening. Do not apply in heavy films, most especially when intending to over coat with acrylics, as the glass-like surface will not allow acrylics to bond well to the surface. Not suitable for wet alkali surfaces, or surfaces which have been previously coated with oil paint or metal surfaces.

SAFETY PRECAUTIONS

Work with PVC gloves, safety glasses & ensure good ventilation. When spraying with Bonding Liquid, work in well ventilated area & wear a suitable respirator. This product contains flammable materials, keep away from sparks, open flames & no smoking should be permitted in the area.

KEEP OUT OF REACH OF CHILDREN.

Information Provided is based on Laboratory evaluations and data believed to be reliable.
Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for their own use.

It is not to be considered a guarantee of the products properties.

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