

TECHNICAL DATA SHEET

ALPHA KEY/BOND SEALER (Ready to Use)

Top quality water borne pure acrylic emulsion primer. Has a LOW VISCOSITY AND GOOD PENETRATING property that dries to a water clear transparent finish. Ideal for all new timber, hard boards, chip boards, new and old concrete, slates, bricks, plaster, asbestos, roof tiles, glass, rubber and plastic surfaces.

Even spread-rate * Non-toxic * No solvents * Quick drying * UV stability * Heat Resistant * Remains flexible * Excellent adhesion * Low smoke toxicity * Waterproofing qualities * EXTREMELY LOW TO ZERO VOC's * Deep penetration * Excellent adhesion

TECHNICAL DATA

Application Method	Brush or roller or spraying
Color	Milky
Recommended DFT per coat	Approx. 10 microns
Drying Time @20°C for 10 micron meter coating and RH of 75%	Touch dry 30 minutes Normal traffic 30 minutes
Gloss	Slight Sheen
Spread Rate	DFT 10 m ² /L @ 10µm on a smooth non-textured surface
Specific Gravity	1.01
Volume Solids %	10%
Number of coats	1 or 2 Coats depending on surface porosity

STORAGE AND TRANSPORT

Application Condition	Storage(Unopened)	Pot Life (Unopened)	Transport
75% RH	10°C to 25°C	2 years	See MSDS
Substrate 10°C to 40°C			
Air temp 10°C to 40°C			

DIRECTIONS FOR USE

- Remove laitance, oil, grease, fat deposits, and chemical components from the surface. Weathered surfaces should be washed with a high-pressure jet, sandblasting, or other mechanical means. All areas should be wiped with a damp cloth. New concrete should be left at least 28 days before application.
- Abrasive sand papers should be used if not sandblasting or high pressure jet washing, ensure the surface is thoroughly rinsed off prior to application.
- Concrete should be left to dry for at least 28 days before application.
- Alpha Betta Coating recommends that a small test area is tested for product and application suitability prior to any large projects being undertaken.
- Alpha Bond Shield can be applied to older painted surfaces as a "keying primer" but if old painted surface is in sound condition, no Alpha Bond Shield need to be applied except where older surface was painted with enamel.
- Older enamel surfaces should be lightly scuffed with sandpaper first to remove any gloss or oxidation prior to applying Alpha Bond Shield.

PRECAUTIONS AND LIMITATIONS

- Do not use at temperatures below 10°C, or when the temperature of the surface may fall below 5°C during the drying period.
- Avoid exposure to steam, water and condensation for 48 hours after application.
- Alpha Betta Coat top coats must be applied within 10-12 hours of having applied Alpha Betta Coat Alpha Bond Key, or other primers. Should this time frame be exceeded another coat of the primer must be applied again prior to any Alpha Betta Coating top coat.
- Alpha Betta Coating products must not be thinned.
- Clean-up is done with water.

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