

K1-100

ULTIMATE MULTI-PURPOSED BONDING PRIMER

K1-100 is a high quality modified acrylic emulsion which designed for surfaces that require a greater degree of adhesion than our standard primers. It is a multi-purpose bonding primer which provides great adhesion on aging concrete surfaces, and hard, glossy surfaces like iron, steel, aluminum, tile, glass, PVC, mosaic, stone and marble.

Details

- Superior adhesion and fast bonding on multi-surfaces.
- Interior and Exterior.
- Alkaline-acid resistant.
- Durability, resistance to weather and sunlight.
- Provides excellent adhesion for the topcoat.

Recommend Uses

- Sealer for concrete surface and reinforced concrete.
- Bonding for Aluminum, Kitchen Cabinets, Varnished Woodwork, Glazed Block, Ceramic Tile, Glass, PVC Piping, Mosaic, Stone, Marble and any aging surfaces.

Applications

Surface Preparation

- All new masonry, concrete, cement or block must be cured for 30 days at recommended.
- Remove all loose paint and defective paint if possible, oil, fluid, moss or other substances on the surface. In severe cases, wash the surface with water, make sure the surface is completely dried and clean. All holes cracks must be properly patched.

Application Details

- Product must be completely agitated (mechanically or manually) before use.
- Intermix containers of same product to ensure color and seen uniformity.
- See the chart below for dilution ratio:

Surfaces	K1-100	Water
Interior Concrete Surface	1	3-5
Exterior Concrete and Rooftop	1	2-3
Tile, Mosaic, Stone, Marble	K1-100 Directly	
Iron, Steel, Aluminum		
Glass, PVC Piping		

Technical Data

Property	Value
Tools	Nylon / Polyester Brush, Sponge Paint Roller, Sprayer
Drying Time	Touch Dry 1-2 Hours, Recoat 1-2 Hours (at 25°C)
Coverage	13 m ² Coverage per Gallon (Undiluted)
Thickness	Dry 100 µm
Available Sheen	Semi-Gloss
Density	1 kg/L
Viscosity	<500 m.Pas at 25°C
Solid Content	35% ± 2%
Available Size	1 Gallon, 5 Gallon
Thinner	Water
Shelf Life	24 months unopened condition
Color	Milky White

Drying and recoat times are temperature, humidity, and film thickness dependent.

Practical coverage is for reference only, which can be differ depending on the brushing surface, flatness and film thickness.

These figures are only intended as a guide and should not be used in preparing specifications.

Storage

Product should be store in the dry and cool area, please avoid direct sunlight contact to prevent deterioration. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

After container is opened, use the product immediately and prevent long-term storage.

Cautions and Safety

- Do not use if rain or heavy dew is expected within 24 hours.
- Avoid applying the product when the temperature is below 50°F.
- KEEP OUT REACH OF CHILDREN – DO NOT TAKE INTERNALLY.
- When spraying. Do not breathe spray, wear suitable respiratory protective equipment.
- Avoid direct contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek for the medical advice.
- After contact with skin, wash with soap and water.
- Safety Data Sheet (SDS) is available on www.kingcatpaint.com.tw.

Disclaimer

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Yulung Paint. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Yulung Paint representatives or visit www.kingcatpaint.com.tw to obtain the most current version of the Technical Data Sheet and / or a Safety Data Sheet.