

SK AQUA URETHANE

A Water-based Hybrid Polyurethane Dispersion Emulsion Paint



PRODUCT DESCRIPTION

A water-based hybrid of acrylic resin incorporating Polyurethane (PUD) exhibiting high gloss finishes with fungal and bacteria resistance properties

USES

As a high quality finishing hygienic coat for exterior and interior wall surfaces of hospitals, clinics, medical facilities, infant care, child care, student care, nursing care, food processing plants, public facilities, restaurants, cafeteria, residential homes and etc.

AREA OF APPLICATION

Suitably primed surfaces of concrete, plaster mortar, masonry, brickwork, PC panel, GRC panel, hard and soft boards, metals, woods, etc.

CHARACTERISTICS

- Good stain resistance
- Ultimate protection against fungus growth
- Protection against bacterial infections including MSRA (Methicillin-Resistant Staphylococcus Aureus), E-Coli, SA (Staphylococcus Aureus)
- Its water-based nature ensures safe and easy application
- Excellent weathering durability and color retention
- Good adhesion onto previously painted good condition emulsion paint, hence, suitable for repainting purposes
- Good gloss retention
- Washable
- Low VOC
- Dust resistance

COLOUR AVAILABILITY

Wide range of colours

TECHNICAL DATA

Finish		Gloss, 30% Gloss
Specific Gravity	Gloss	1.17± 0.05
	30% Gloss	1.35± 0.05
Drying Time (At 30°C)	Surface Dry	30 minutes
	Hard Dry	2 hours
Shelf Life		Up to 12 months if stored in tightly sealed containers. Keep under roof and in cool place.
Film Thickness	Dry Film (Theoretical)	40 – 50 microns
Solid Content	Gloss	45 ± 5% depending on colour
	30% Gloss	50 ± 5% depending on colour
Viscosity		40 – 80 ps/30°C depending on colour

SURFACE PREPARATION

Surface shall be dry and free from dirt, dust, oil, grease and foreign matter. Surface unevenness, cracks etc. shall be made good with our cementitious filler.

APPLICATION DATA

No. of Component	: One
No. of Coat	: Two
Coverage	: 0.13 – 0.18ltr/m ² /coat
	: 0.26 – 0.36ltr/m ² /2coat
	: 5.5 – 8m ² /ltr/coat
	: 2.8 – 4m ² /ltr/2coat
Dilution	: 0 – 15% by wt with water
Overcoating Interval	: 2 hours
Method of Application	: By Spray, Brush or Roller

RECOMMENDED COATING SYSTEM

Example for new concrete surfaces:

Sealer: 1 coat of Biofine Sealer
Topcoat: 2 coat of SK Aqua Urethane

Suitable primer/sealer is to be used for different substrates. An additional topcoat is recommended for the presence of hairline cracks or other possible surface defects. (Please contact SKK staff for inquiries)

PACKING STYLE

SK Aqua Urethane	20 litre/can
	5 litre/can
SK Aqua Urethane 30%Gloss	20 litre/can
	5 litre/can

MATERIAL HANDLING

- * Store materials in a cool, well-ventilated and dry place, away from direct sunlight.
- * Ensure adequate ventilation during application.
- * Avoid contact with skin or eyes. Any skin or eye contamination should be washed immediately with plenty of water and seek medical treatment.
- * If swallowed, seek medical advice immediately. Do not induce vomiting.
- * Keep away from heat sources.

Disclaimer:

- * Alkaline resistance shall be based on SS345
- * For dark and premium colour, an additional coat may be required to achieve a uniform finish. Site mock-up is recommended to confirm the required numbers of coats prior to the actual application of work.

Note: The above technical information/ values are given to the best of our knowledge based on laboratories tests, and practical experience. However, due to different applications, site conditions and constraints that are beyond our control, we are not liable for any circumstances due to or relating to the application of usage of our products. We reserve the right to alter or modify any given data without prior notice; therefore it is best to contact us should you have any doubts or enquires.