

AQUASTOP AC-250

Clear Exterior & Interior Waterproofing

PRODUCT DESCRIPTION

AQUASTOP AC-250 is a transparent waterproofing acrylic adhesive with excellent weather and water resistance. It forms a clear, high-gloss, and durable barrier that protects surfaces from moisture, mold, and mildew. Ideal for indoor and outdoor use, AQUASTOP AC-250 ensures lasting protection while maintaining surface clarity.

- ▶ Single component; ready to use
- ▶ Excellent Water Resistance
- ▶ Excellent flexibility and Durability
- ▶ Excellent adhesion to various surfaces
- ▶ Excellent UV Resistant

DESIGN USE

As a waterproofing coating for old and new construction such as spot repair water leaking zone, window sills, bathroom tiles, crack repair, roof top, concrete wall balcony, etc.

PHYSICAL DATA

Volume Solids	32 ± 2%
No. of Components	1
Number of Coats	2 (minimum)
Theoretical Coverage	0.11 - 0.16 kg/m ² / Coat
(Note: Actual coverage varies based on substrate type, surface porosity, texture, and whether a primer is applied).	
Finish	Glossy
Colour	Clear
Elongation at Break	> 500% (ASTM D412)
Tensile strength	> 5.0 MPa (ASTM D412)
Water Immersion	No blistering and peeling
Standard Packing Size	1 kg, 4kg
Shelf-Life	12 months - Unopened

RECOMMENDED PAINTING SYSTEM

Substrate: Concrete, Masonry, Plaster		
<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer (optional)	AQUASTOP AC-250	1
Waterproofing	AQUASTOP AC-250	2

(for maximum protection, apply 2nd coat at 90 degree angle to the 1st coat.)

Note: Application at too high thickness may cause hazy film finishing and retard in full cure time.

AQUASTOP AC-250 is limits to heavy traffic.



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APPLICATION METHOD

Brush or Roller application

- * Stir the contents thoroughly before use. Thinning is normally not necessary. However, if required for better workability, do not exceed 5% dilution ratio. Clean up equipment with water immediately after use.
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ADDITIONAL INFORMATION

Thinner	Clean Water
Thinning Ratio	Do not exceed 5% dilution ratio
Cleaning Solvent	Clean Water
Flash Point	Non-Flammable
Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5 ~ 35°C). Lid must be kept tightly closed

SURFACE PREPARATION

New Masonry Substrates

- ▶ All new surfaces should be dry out thoroughly preferably for at least 28 days drying time.
- ▶ The moisture content of the concrete surface should be checked and ensured to be below than 16% when measured with reliable moisture meter.
- ▶ All surface contaminants such as laitance, dust and loose cement shall be removed by using scraper, sandpapers and clean slit brushes.
- ▶ Structural cracks should be repaired with appropriate crack repair compound.
- ▶ Any holes and undulations should be resurfacing with appropriate floor patch.
- ▶ Roofing slab should be constructed to have slanting angle and drains to effectively drain off rain water (prevent constant water ponding).

Previously Painted Surfaces

- ▶ If fungus, algae, and moss is present, treat with "KCC Fungidal Solution".
- ▶ Make good minor defects with an appropriate suitable exterior putty sealant.
- ▶ For overcoating over old coatings, a high pressure water jet cleaning should be performed to remove all loose or defective paintwork or powdery residues.

Application conditions

- ▶ Ensure the surface is completely clean and dry.
- ▶ Ensure the relative humidity below 90% before painting.
- ▶ Ensure the surface temperature at least 3°C above dew point temperature.

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REMARKS

- ▶ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ▶ Apply a decent thick coat of waterproofing on all the edges, corners, concrete joint, and hard to reach areas by brush to ensure proper sealing of edges and corners prior major area application.
- ▶ Avoid excessive thinning as it will results in low film thickness and compromises waterproofing performance.
- ▶ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will results in difference sheen level and unpleasant finishing.
- ▶ Recommended to paint according to TDS and Application guide.
(Please consult with KCC customer service for any inquiries or browse to our website www.kccpaint.com.my)

SAFETY PRECAUTIONS

- ▶ Ensure adequate ventilation during application and drying.
- ▶ Avoid contact with eyes and skin.
- ▶ In case in contact with skin, wash immediately with plenty of soap and water.
- ▶ Keep out of reach of children.

HANDLING PRECAUTIONS

- ▶ This product should be stored in its original container in a shaded, cool, and well-ventilated warehouse.
- ▶ The recommended storage temperature is 15-35°C.
- ▶ Protect the product from rain, sunlight, UV rays, flames, and heat.
- ▶ Proper care must be taken during transportation. Failure to follow these storage guidelines may lead to premature deterioration and a reduced shelf life.
- ▶ When reopening the product for reuse, remove any formed skin and stir thoroughly before using.

FIRST AID

Eyes	Rinse immediately with plenty of water and seek medical advice.
Skin	Wash immediately with plenty of soap and water.
Inhalation	Remove to fresh air, loosen collar and keep patient rested.
Ingestion	Do not induce vomiting. Seek medical attention.

DISCLAIMER

The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes which may occasionally result in marginal changes in the coating properties.

REVISION DATE	2/12/2024
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