



TECHNICAL DATA SHEET

[KOREVON]

Exterior Acrylic Emulsion

PRODUCT DESCRIPTION

Korevon is a professional exterior range of full acrylic waterbased finish with high protection against weathering and unsightly algae and fungus attack.

- ▶ Certified with SIRIM Eco Label.
- ▶ Excellent dirt pickup resistance.
- ▶ Excellent weather resistance.
- ▶ Superior algae and fungus resistance.
- ▶ Excellent chalking and flaking resistance.
- ▶ 6 years protection warranty.

DESIGN USE

☉ Exterior use as a finish coat for concrete, masonry surfaces, walls, ceilings and soft board surfaces suitable for new and repainting projects.

PHYSICAL DATA

| | |
|---------------------------------|---|
| VOLUME SOLIDS | 33 ± 2% |
| DRY FILM THICKNESS (DFT) | 30 µm / Coat |
| WET FILM THICKNESS (WFT) | 90 µm / Coat |
| NUMBER OF COATS | 2 |
| THEORETICAL COVERAGE | 11 m ² /L/coat |
| FINISH | Low sheen |
| COLOUR RANGE | Wide range colours (Please consult KCC Technical Department) |
| NO. OF COMPONENTS | 1 |
| STANDARD PACKING SIZE | 1L, 5L, 18L |

RECOMMENDED PAINTING SYSTEM

Substrate: Concrete, Masonry, Plaster

| <u>System</u> | <u>Product</u> | <u>No. of Coats</u> |
|---------------|-----------------|---------------------|
| Sealer | Wall Sealer 500 | 1 |
| Finish | Korevon | 2 |

Substrate: Previously Painted Concrete, Masonry, Plaster

| <u>System</u> | <u>Product</u> | <u>No. of Coats</u> |
|---------------|----------------|---------------------|
| Sealer | Koresil 400 | 1 |
| Finish | Korevon | 2 |

APPLICATION METHOD

Brush, Roller or Spray 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.

DRYING TIME

| Substrate Temperature | Touch Dry | Hard Dry | Overcoating Interval | |
|-----------------------|-----------|----------|----------------------|---------|
| | | | Minimum | Maximum |
| 15°C | 45 Min | 3 H | 3 H | NA |
| 25°C | 30 Min | 2 H | 2 H | NA |
| 35°C | 15 Min | 1 H | 1 H | NA |



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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.

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.

REMARKS

- ☞ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ☞ This product should only be applied over concrete, plaster and masonry substrate that that have been suitably sealed and primed
- ☞ Avoid excessive thinning as it will results in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ☞ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will results in difference sheen level and unpleasant finishing.
- ☞ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ☞ Do not skip primer and sealer application as concrete primer and sealers will minimize efflorescence defects on humid area.
- ☞ 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)



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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.
- Ⓢ During spray application, do not breath in mist and wear suitable respiratory protective equipment.
- Ⓢ Keep out of reach of children.

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. Obtain 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.