

**1.0 Description:**

- Special type of semi-pigmented alkali-resistant sealer that have a very small molecular weight that can penetrate through voids of substrate
- Capable to minimize the absorption of water through the voids.
- Distinguish for bonding loss particles in substrate and strengthen the weak substrate
- Has high bond to substrata like gypsum, cement, wood, poor paints or any porous substrate
- Penetrate through the voids of substrate to create high mechanical bond
- Can penetrates through voids up to 10mm according to the type of substrate

**2.0 Uses:**

- Primer to wood, render, plaster, concrete, gypsum, or any porous substrate to accept top layers.
- Fixing defected coatings & gypsum layers.
- Priming on reinforced concrete surfaces specially at seashore constructions prevents carbonation to cement & oxidation to steel.

**3.0 Approval & Certification:**

Water Resistance	: ASTM D870-15(2020)e1
Alkali Resistance	: ASTM 9022:2024

**4.0 Colours:**

White in color

**5.0 Product Data:**

Dilution	: water till 25%
Binder	: Synthetic acrylic resin
Density	: 1.35 gm/ml
Water Resistance	: Passed ( No penetration)
Alkali Resistance	: Passed (No penetration or separation)

*Notes: Above values are subjected to slight changes depending on porosity and nature of substrate.*

**6.0 Consumption per coat:**

Consumption	: 6.0 – 9.0	m <sup>2</sup> /kg
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*Note: Consumption depends on porosity, temperature, rate of dilution and nature of substrate*

**7.0 Surface Preparation:**

- Substrate recommended can be Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.
- All separated layers in concrete should be removed.
- Any defects in the substrate like cracks, pin holes should be repaired before painting.
- Smooth the surface by sanding.

**8.0 Application Methods:**

1. Clean the substrate from any foreign materials.



2. Be sure to stir the product in the container before use.
3. Apply MISRSEAL with roller or brush, one coat is enough.
4. Clean tools with water right after finishing application.

Notes:

- *The temperature of substrate should not exceed 40°C during application & it is recommended to damp the surface using water, especially in summer.*
- *MISRSEAL can be diluted up to 15% with water*

9.0 Product weight:

Total Weight	: 12, 20	kg
Container	: Sealed pre weighed plastic container	

10.0 Drying time:

Touch Dry	: 120 min	at 30°C
Hard Dry	: 360 min	at 30°C
Recoating	: 240 min	at 30°C

*Note: drying time depends on air circulation, temperature, film thickness and number of coats, and will be affected correspondingly.*

11.0 Recoating:

- Recommended to recoat with the same base type of previously applied paint
- In case of multi-coat application, drying times will be affected by the total thickness of previously applied coats.
- The surface should be dry and free from any contamination prior to application of the subsequent coat.

#### 12.0 Disclaimer:

- The information in this document is given to the best of our knowledge, based on laboratory testing and practical experience. We cannot guarantee anything but the above-mentioned quality of the products themselves. Minor product variations may be implemented to comply with local requirements. We reserve the right to change the given data without further notice. Users should always consult us for specific guidance on the general suitability of this product for their needs and specific application practices.
- Samples of any approved delivered materials shall be retested after delivery.
- These products are for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to our technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to our responsible representative for approval before commencing the work.

#### 13.0 Handling of Emulsion Products:

- Avoid contact with eyes and skin. Emergency showers and eyewash stations should be readily accessible.
- Adhere to work practice rules established by government regulations.
- Use personal protective equipment.
- When using, do not eat, drink, or smoke.

#### 14.0 Compatibility:

- Primers applied prior to specified product shall always be acrylic based products.
- For Repairing and fixing defects, products shall always be cement based products
- Recoating shall be acrylic products.

#### 15.0 First aid Measures:

- General advice: Seek medical advice. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Skin contact: Immediately remove contaminated clothing, and any extraneous chemical, if possible, to do so without delay. Initiate and maintain gentle and continuous irrigation.
- Take off contaminated clothing and shoes immediately.
- Ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
- Inhalation: Move to fresh air.

#### 16.0 Storage:

- Store above ground and surrounded by dikes to contain spills or leaks.
- Do not store in humid or extra hot weathering conditions.
- Keep containers tightly closed away from heat & in dry, cool, and well-ventilated place.