

1.0 Description:

- SUBCOAT is an acrylic polymeric resins, ready mix water base putty used to fill cracks and smoothen the surface prior to paints both internally and externally.

2.0 Uses:

- Is used prior to paints especially in building & constructions.
- To be used as a paste before applying normal acrylic paints

3.0 Approval & Certification:

Egyptian Standards : ES6623 / 2020

4.0 Colours:

White in color

5.0 Product Data:

Binder	: Modified synthetic resins Copolymer + Homopolymer Acrylic Resins
Solid Content	: 73.8 %
Density at 25°	: 1.83 gm/cm ³
Water Resistance	: no blistering, bloating, cracking nor separation
Alkali Resistance	: no blistering, bloating, cracking nor separation
Recoating	: can be applied without problems
Adhesion to concrete (cross cut)	: 65 N/cm ²
Stability at below zero temp.	: Accepted
Dilution	: water if necessary
VOC	: Nil

Notes: Above values are subjected to slight change depending on temp.

6.0 Film Thickness per coat:

Wet film Thickness	: 200 - 500	microns
Dry Film Thickness	: 140 - 350	microns

Note: Filling rate of the product depends on substrates, holes width and depth and temp.

7.0 Consumption per coat:

Consumption (high build)	: 0.35 – 0.85	kg/m ² /coat	WFT 500 microns /coat
Consumption (Thin Skim)	: 5.1	m ² / Kg	WFT 200 microns /coat

Note: Consumption depends on film thickness applied, type of texture, surface condition, defects, temperature, etc.

8.0 Surface Preparation:

- Substrate should be free of oil grease, dust, or any other dirt.
- All weak or separated layers in substrate should be removed.
- Repair any damaged areas using cement repairing mortar
- Smooth the Surface by sanding.

9.0 Application Methods:

- Clean the substrate from dust and any foreign materials.
- Recommended to apply Primer VERSASEAL.
- Using the paste tool, apply the first coat.
- The second day, apply the second coat.
- Light Sanding of each coat, if needed.
- Repeat the previous 3 steps until surface is completely smooth.
- Clean tools using water.

Notes:

- *The temperature of the substrate should be minimum 10 °C and max 40 °C*
- *Good ventilation is usually required in confined areas to ensure proper drying.*
- *Recommended to wet substrate specially during summer times.*

10.0 Product weight:

Total Weight : 5, 15, 20 Kg
Container : Sealed pre weighed plastic bags

11.0 Pot life, Drying time:

Touch Dry : 30 min at 25°C
Hard Dry : 1-2 Hours at 25°C

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

12.0 Recoating:

- Duration between any two successive coats should be at least 24 hours.
- Maximum thickness per coat is 500 microns.
- 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.

13.0 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.

14.0 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.

15.0 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.

16.0 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.

17.0 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.