

1.0 Description:

- ZODIAC is a matt acrylic copolymer-based emulsion paint that provides fine texture.
- Resists moisture and weathering.
- Long lasting colours that resist ultraviolet, non-yellowing and non-pollutant.
- Enhanced washability and elasticity.
- Good hiding power with very low VOC which ensures good indoor air quality.

2.0 Uses:

Used in exterior & interior paints, including all residential areas, villas and hotels.

3.0 Approval & Certification:

Solid Content	: ASTM D2369 (2020)
Density	: ASTM D1475-13(2020)
Drying Time	: ASTM D1640/D1640M-14(2022)
Consumption m ² /kg	: ASTM D2805-11(2018)
Gloss angle	: ASTM D3928 (2018)
Heat Resistance	: ES 1539 (2021)
Adhesion to concrete (Cross Cut)	: ASTM D3359 (2023)
UV Resistance for 7 days	: ES 1539 (2021)
Weathering resistance for 300hrs	: ES 1539 (2021)
Washability of 120microns (cycle)	: ES 1539 (2021)

4.0 Colours:

Shall be produced in different colours according to color chart or as required.

5.0 Product Data:

Binder	: Modified synthetic resins
Solid Content	: 50.7 %
Density	: 1.395 gm/cm ³
Consumption (200 microns)	: 5.8 m ² /lit
Gloss angle 60°	: 2 (matt) GU
Heat Resistance 48hrs in 60°	: passed
Adhesion to concrete (Cross cut)	: 5B (high adhesion)
UV Resistance for 7 days	: passed
Weathering resistance	: No blistering, chalking or cracking nor change in color
Washability of 120 microns	: >10000 Cycle

Notes: Above values are subjected to slight changes depending on colour and temp.

6.0 Film Thickness per coat:

Wet film Thickness	: 100 - 140 microns
Dry Film Thickness	: 50 - 70 microns

Note: Film thickness shall vary and is calculated as average



7.0 Consumption per coat:

Consumption	: 5.0 – 6.0	m ² /kg
	: 7.0 – 8.5	m ² /lit

Note: Consumption depends on film thickness, texture, surface condition, defects, temp, etc.

8.0 Surface Preparation:

- Substrate recommended can be Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.
- Substrate should strong enough to receive the paint.
- All weak or 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

9.0 Application Methods:

1. Ensure that substrate is clean & free from foreign materials.
2. Apply Primer VERSASEAL to ensure good adhesion.
3. Paste the substrate for smoothing recommended SUBCOAT/FILLCOAT.
4. Mix ZODIAC well in the container before application.
5. Recommended to paint corners and edges using a brush.
6. Apply 2 coats of ZODIAC using a roller (wool or sponge).
7. ZODIAC can be diluted up to 15% with water for the first coat.
8. Clean tools immediately after application using water.

Notes:

- *The temperature of substrate should not exceed 40°C during application & it is recommended to damp the surface using water, especially in summer.*
- *Masking tape must be removed immediately after application of the topcoat.*

10.0 Product weight:

Total Weight	: 3,9	lit
	: 20	Kg
Container	: Sealed pre weighed plastic Containers	

11.0 Drying time:

Touch Dry	: 30 min	at 25°C
Hard Dry	: 120 min	at 25°C
Recoating	: 6 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 6-24 hours.
- 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.

- 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.