

### 1.0 Description:

- INCOAT 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 25°C	: ASTM D1640/D1640M-14(2022)
Consumption m <sup>2</sup> /kg (200 microns)	: ASTM D2805-11(2018)
Gloss angle 60° (GU)	: ASTM D3928 (2018)
Heat Resistance 48hrs in 60o	: 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 120mcsrons (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	: 56.1	%
Density	: 1.435	gm/cm <sup>3</sup>
Consumption	: 5.3	m <sup>2</sup> /kg
Gloss angle 60°	: 2 (matt)	GU
Heat Resistance 48hrs in 60°	: passed	
Adhesion to concrete (Cross cut)	: 5B (high adhesion)	
Sunlight Resistance for 7 days	: passed	
Weathering resistance for 300hrs	: No blistering, chalking, cracking nor change in color	
Washability of 120 microns	: > 5000	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	: 55 - 80	microns

*Note: Film thickness shall vary and is calculated as average*

### 7.0 Consumption per coat:

Consumption	: 5.0 – 6.0	m <sup>2</sup> /kg
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*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 INCOAT well in the container before application.
5. Recommended to paint corners and edges using a brush.
6. Apply 2 coats of INCOAT using a roller (wool or sponge).
7. INCOAT can be diluted up to 15% with water for the first coat.
8. Close container tightly after application.
9. 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:

Surface Dry	: 30	min
Hard Dry	: 1	Hours
Recoating	: 7	Hours

*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 with the same base type of paint.
- 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.



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# INCOAT

## TECHNICAL DATA SHEET

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#### 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.