

## TUFF Texture

### Ultra Premium Exterior Texture Coating

#### Description & uses:

- **TUFF Texture** is a 100 % pure acrylic texture modified with advanced silicon technology functionally treated with marble and quartz aggregates that's offers unmatched high-performance finish for exterior walls

- Available in 4 types of textures (super fine, fine, medium & heritage)
- Conforms to Egyptian standard specification 5135/2006.
- Though designed mainly for exterior use, it is suitable for interiors also. Ideal product for antique look.
- Designed for application over masonry surfaces, stucco, concrete blocks, fair faced concrete, wood & gypsum board after suitable priming.
- Environmentally friendly product. Its low VOC and APEO free product (compliant to ASTM D4252-89/2017 and USEPA 24)

#### Product features:

- Excellent resistance to UV rays, sunlight & high humidity.
- Product has excellent adhesion & flexibility.
- Long workability & ease of application.
- Very good rain resistance.
- Resistant to alkaline substrates.
- Good Crack Bridging ability
- Having good Anticarbonation property



<b>Properties</b> <b>Test</b> <b>certified by</b> <b>WIMPI</b> <b>Laboratories</b> <b>LLC (IAS</b> <b>Accredited)</b>	Finish	Texture finish
	Color	Available in white & colors.
	Density at 25°C	Approx. 1.73 Kg / Ltr.(White)
	Volume Solid (ISO 3233-2)	60 + or -2
	VOC (gm/Ltr.) [USEPA 24]	37.5 (g/l) according to EU regulation
	Pull off Adhesion (ASTM D4541-17)	1.92 N/mm <sup>2</sup>
	Crack Bridging Ability (BS EN 1062-7:2004)	1.5 mm
	Carbon-dioxide diffusion resistance (BS EN 1062-6:2002) Grade: C1 (BS EN 1062-1: 2004-08)	Carbon-dioxide diffusion co-efficient (gm/m <sup>2</sup> ): 2.52* 10 <sup>-7</sup> Diffusion equivalent air layer thickness (SD): 180.1 m
	Water vapor transmission at 120μ (ISO 7783:2018) Grade: High – V1 (EN 1062-1)	- Vapor diffusion co-efficient (g/m <sup>2</sup> /24 hours): 908 - Diffusion resistance co-efficient(u): 78 - Sd value: 0.02 m
	Chloride Ion Diffusion (VINCI Method)	- 0 cm <sup>2</sup> /s
	Reduction in water absorption (ASTM C642-13)	96.9%
	Salt Spray Resistance (ASTM B117-18)	Excellent
	Weathering Resistance (ASTM G154-16)	Excellent
	Diluents / Thinner	Water
Drying time at 25 C & relative humidity 50%	- Touch dry: 1 hour. - Recoat: 16 hours. - Hard dry: 24 hours.	

## Instructions for use:

### 1- Surface preparation:

- Surface must be clean, free from oil, grease, dirt, chalk, loose paint & any other foreign materials.
- Old painted surfaces should be cleaned first from all loose paint and other contaminants that can affect adhesion.

### 2- Recommended application system:

- Use **Weathercoat** primer (for chalky or fresh surface) or **Smartcare Dampsheath** Sealer (if waterproofing is required) to increase spreading rate & adhesion prior to application of topcoat.
- This texture product can be applied by any application tool, such as knife, spatula, trowel, brush of different types depending upon the desired pattern, roller of different types can also be used depending upon the texture desired.
- Adjust consistency as required with water to suit your application.
- Do not use more than 10% water for dilution

Remarks: - Alternative systems may be specified, depending on area of use.

- Please refer to technical office for application advice.

Application tools: Knife, Spatula, Trowel, Roller & brush.





**Theoretical coverage:** depending upon the texture created, texture, & tools used for application.

Practical coverage varies depending on surface porosity, application method, DFT & losses.

**Packaging:** Refer to company price list or contact the local representative.

**Storage & shelf life:** 24 months in original tightly closed containers away from direct sunlight & excessive heat.

Our Recommendations are based on extensive research as well as practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice. Please note that this data sheet supersedes any previous prints. For any additional information, please consult our technical office. February 2022.

