

ULTIMA

Luxury Exterior Emulsion Paint

Description & uses: - **ULTIMA** is a 100% pure acrylic water based emulsion modified with **PU technology (polyurethane)** that offer unmatched performance finish for exterior. It can offer 12 years of performance warranty in terms of color retention, film integrity and resistance towards algal growth.

- **ULTIMA** is available in Matt /Silk.
- Also available in white and bases.
- Conforms to Egyptian standard specification 1539.
- 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 hiding power & wash-ability.
- Bridging hairline cracks up to 0.75 mm.
- Excellent resistance to rain, UV rays, temperature changes, maritime climates & pollution.
- Antifungal & antibacterial resistance.
- Best in the class resistance to dirt pick up and clean ability performance. Keep the wall looks elegant even in highly dusty atmosphere
- Resistant to alkaline substrates.
- Very good Anticarbonation performance

<p>Properties</p> <p>Test certified by</p> <p>WIMPI</p> <p>Laboratories LLC</p> <p>(IAS Accredited)</p>	Finish	Matt / smooth silk
	Color	Available in white & colors, can be tinted using SCIB computer tinting system.
	Density at 25°C	Matt: Approx. 1.43 Kg / Ltr.(White) Silk: Approx. 1.32 Kg/ Ltr (White)
	Volume Solid (ISO 3233-2)	35±2
	VOC (gm/Ltr.) [USEPA 24]	35.25 (g/l) according to EU regulation
	Diluents / Thinner	Water
	Pull off Adhesion (ASTM D4541-17)	2.66 N/mm ²
	Crack Bridging Ability (BS EN 1062-7:2004)	0.75-1 mm (100-120μ)
	Wash ability / wet scrub resistance (DIN 53778)	Over 50000 strokes or 25000 cycles
	Carbon-dioxide diffusion resistance (BS EN 1062-6:2002) Grade: C1 (BS EN 1062-1:2004-08)	Carbon-dioxide diffusion co-efficient (gm/m ²): 9.5* 10 ⁻⁸ Sd: 597 m
	Water vapor transmission at 120μ (ISO 7783:2018) Grade: High – V1 (EN 1062-1)	Vapor diffusion co-efficient (g/m ² /24 hours): 218 Diffusion resistance co-efficient(u): 778 Sd value: 0.09 m
	Reduction in water absorption (ASTM C642-13)	97.1%
	Chloride Ion Diffusion (VINCI Method)	0 cm ² /s (applicable for Matt and Silk)
Weathering Resistance (ASTM G154-16)	Good	

	Drying time at 25 C & relative humidity 50%	<ul style="list-style-type: none"> • Touch dry: 30 min. • Recoat: 2 -4 hours. • Hard dry: 24 hours.
	Recommended dry film thickness(DFT)	40 – 50 um per coat

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 as a primer coat prior to application of putty

Use **Unoshield / Acryputty** for smoothening & leveling the surface. Apply Weathercoat primer over putty surface to absorb the surface irregularity

- Use **Unoshield / Acryputty** for smoothening & leveling the surface.
- Must use **Weathercoat primer** diluted 1:1 with water after putty to increase adhesion, then apply first coat of **ULTIMA** within 24 hours after applying **weathercoat primer**.
- Mix **ULTIMA** to uniform consistency before use.
- First coat to be diluted with 10-20% water.
- Second coat to be diluted with 5-10% water.
- Wait 4 hours between each coat for complete drying.



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

- Please refer to technical office for application advice.

Application tools: Roller – Brush – Spray gun.

Theoretical coverage: 7 - 10 m² / Ltr. at 40 – 50 microns DFT.

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.

