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| **SYSTEM : ULTRA PREMIUM THERMAL REFLECTIVE ANTI CARBONATION FINISH - SMOOTH** |
| **Concrete and Masonry Surface – Exteriors** |

**System Description**

**Primary Coat: 1 coat of Weathercoat Primer**

Water base alkali resistant primer with 100% acrylic sealer.

**Volume Solids:** 40% ± 2%

**Top Coat: 2 coats of Weathercoat Ultra (pure acrylic)**

A pure acrylic emulsion based exterior wall coating formulated with high quality weatherdurable pigments and reinforced with anti-microbial agents. It is a VOC free, green product.

**Highlights:**

• Excellent outdoor durability

• High SRI value, keeps the building inside cool

• Highly washable and good resistance to alkalis

• Fungus and algae resistant

• Covers hairline cracks

• Reduces carbonation of concrete

• Water-based green product

**Volume Solids:** 39% ± 2%

VOC: 17 gms/ltr Test Method - USEPA 24

**Variant:** Silk and Matt

**Certificates:**

Water Permeability - 100 % reduction in water penetration (BS EN 12390-8:2009)

Tensile Strength and Elongation: Value - 2.8 (N/mm2 ), Elongation % = 105 (Test Method –ASTM D 412)

Crack Bridging Capacity: Value - Upto 2.14mm, Test Method ASTM 836: 2005/ C 1305:2008

Adhesion Strength: Value - 2.0 (N/mm2 ) Test Method - ASTM D 4541 : 2002

Salt Spray: Passes 1000 Hrs, Test Method - ASTM B117-07A

QUV Resistance: Passes 2500 Hrs, Test Method ASTM G154 - 06

Wet Scrub Test: >10,000 Scrub Cycle, Test Method ASTM D 2486

Water Vapour Transmission: SD Value = 0.427m, Based on BS EN ISO 7783 - 2

Anti Carbonation: SD Value, R (M) = 101 @ 114 Micron DFT In Accordance with EN 1062 - 6: 2002

Chloride Ion Permeability: 95% Reduction, Test Method ASTM C 1202: 2010

Solar Reflectance (%) as per ASTM C 1549 - 09, Value: 82.6%

**Recommended Areas of Application**

**Area of Use:** Exterior only

**Substrate:** Concrete and brick walls, plastered surfaces and masonry surfaces.

