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| **SYSTEM : PREMIUM ANTI - CARBONATION ELASTOMERIC FINISH - TEXTURED** |
| **Concrete and Masonry Surface – Exterior** |

**System Description**

**Weathercoat Flex Primer**

Environment friendly, water based 100% acrylic sealer with excellent adhesion and penetration to concrete, brick wall and plastered surfaces.

**Volume Solids:** 35% ± 2%

**Weathercoat Flex (Textures)**

Weathercoat flex texture is a high performance elastomeric water-based coating formulated based on pure and 100% acrylic emulsion and light and weatherfast pigments, superior quality aggregates.

**Highlights:**

• Outstanding exterior durability

• Excellent elastic recovery and resilience properties

• Superior flexibility across a broad temperature range

• Breathing capability which prevents moisture accumulation in walls

• Good resistance against dirt pick-up

• Low toxicity and odour

• Environment friendly

• Resistance to fungi and algae

**Volume Solids:** Between 47% ± 2% to 49% ± 2%

**Recommended Areas of Application**

**Area of Use:** Exterior only

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

**Certificates:** Scroll to next page to see the list of certificates





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| **System** | **Test** | **Test Method** | **Value** |
| Weathercoat Flex Primer | Tensile Strength & Elongation | ASTM D 412 | Tensile strength = 2.8 N/mm2 Elongation - 105% |
| Weathercoat Flex Tex Fine - White |
| Weathercoat Flex Primer | Resistance of Growth to Fungus(Mold) on Coatings | ASTM D3273-94 | Rating 10 (As per ASTM) |
| Weathercoat Flex Tex Fine |
| Weathercoat Flex Primer | Chloride Ponding Test | AASHTO T 259 | Upto a Max of Reduction in 100% Chloride Ion Penetration |
| Weathercoat Flex Tex Fine |
| Weathercoat Flex Primer - 50 microns | Adhesion Strength | ASTM D 4541: 2002 | 2 MPA |
| Weathercoat Flex Tex Medium - 150 microns |
| Weathercoat Flex Primer | Impact Resistance | ISO 6272 | No sign of Cracks or disbonding Upto 1000mm @ 1Kg Weight |
| Weathercoat Flex Tex Medium - White |
| Weathercoat Flex Plastex Primer | Water Absorption | ASTM C 870:97 | 94.2% Reduction in water absorption |
| Weathercoat Flex Tex Fine - 300 microns |
| Weathercoat Flex Primer | Abrasion Resistance | ASTM D 4060-01 | 270 mg weight loss after 1000 cycles (1kg Load @ Cs - 17 Wheel) |
| Weathercoat Flex Tex Medium - White |
| Weathercoat Flex Primer | Ultraviolet(UV) Test | ASTM G 154 | Passes 1000 Hrs UV |
| Weathercoat Flex Tex Fine - 150 Micron(2 coat) |
| Weathercoat Flex Primer | Impact Resistance | ISO 6272 | No sign of Cracks or disbonding Upto 1000mm @ 1Kg Weight |
| Weathercoat Flex Tex Fine - White |
| Weathercoat Silane Siloxane Clear coat | Adhesion Strength(after salt spray test) | ASTM D 4541: 2002 | 2.0 N/mm2 |
| Weathercoat Flex Tex Ultra - 150 Micron (2 Coat) |
| Bergosilane Clear | Abrasion Resistance | ASTM D 4060-01 | 455 mg weight loss after 1000 cycles (1kg Load @ Cs - 17 Wheel) |
| Weathercoat Flex Tex Ultra - White |
| Weathercoat Flex Primer - 50 Microns | UV(A) Resistance | ASTM G 154 | Passes 1000 Hrs |
| Weathercoat Flex Tex Fine - 150 Microns (2 Coat) |
| Weathercoat Flex Primer | Ultraviolet(UV) Test | ASTM G 154-06 | Passes 1000 Hrs |
| Weathercoat Flex Tex Medium - 150 Micron(2 coat) |
| Weathercoat Silane Siloxane Clear - Flood Coat | Crack Bridging Capacity | ASTM C 836: 95 | Upto 2.0 mm |
| Weathercoat Flex Tex Ultra - 250-300 Micron (2 Coat) |

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| **System** | **Test** | **Test Method** | **Value** |
| Weathercoat Flex Primer–50 Microns | Salt Spray | ASTM B 117-07A | Passes 1000 Hrs Salt Spray |
| Weathercoat FlexT ex Fine-150 Microns (2 Coat) |
| Weathercoat Flex Primer - 35-50 Microns (1 Coat) | Crack Bridging Capacity | ASTM C 836: 95 | Upto 2.3 mm |
| Weathercoat FlexT ex Fine - 250-300 Microns (2 Coat) |
| Weathercoat Silane Siloxane Clear | Rapid Chloride Permeability | ASTM C 1202: 2010 | Reduction in Chloride Ion Penetration - 95% |
| Weathercoat Flex Tex Ultra |
| Weathercoat Flex Primer | Carbon Dioxide Diffusion Resistance | LP/CTG01/01 | (R), - 159 mtrs DFT - 440 Microns |
| Weathercoat Flex Tex Medium |
| Weathercoat Silane Siloxane Clear | Water Absorption | ASTM C 870: 97 | Reduction in water Absorption = 94.2% |
| Weathercoat Flex Tex Ultra |
| Weathercoat Flex Primer | Chloride Ion Diffusion Resistance | LP/CTG03 | Chloride Ion Diffusion Co-Efficient 2.8 x 10-12 m2/ Sec |
| Weathercoat Flex Tex Fine |
| Weathercoat Silane Siloxane Clear | Carbon Dioxide Diffusion Resistance | AS/NZS 4548.5-1999 | (R) - 116 mtrs DFT - 320 Microns |
| Weathercoat Flex Tex Ultra |
| Weathercoat Silane Siloxane Clear | Water Vapour Transmission | AS/NZS 4548.5-1999 | (SD) < 1mtrs |
| Weathercoat Flex Tex Ultra |
| Weathercoat Flex Primer | Carbon Dioxide Diffusion Resistance | AS/NZS 4548.5-1999 | (R) - 159mtrs DFT - 440 Microns |
| Weathercoat Flex Tex Medium |

