



Weather Shield SI- 1150

Product Description

High-quality, water-based exterior paint, the product is pure Acrylic copolymer resins and modified silicone resin based paint. The product is weather resistant, water repellent, have good resistance to bacterial growth, high hiding power and have color retention properties.

Application Areas

Used as decoration and protection for the exterior surface of the building. Suitable to apply over concrete surfaces and cement plaster and cement boardsetc.

Properties

- Water based
- Water repellent
- Odorless.
- Environmental friendly.
- Easy to apply
- UV resistance

TECHNICAL PROPERTIES

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| <i>Appearance/Color</i> | White and can be produced in any color. |
| <i>Density:</i> | 1.5 kg/liter |
| <i>Volume solids %:</i> | 42 % |
| <i>Theoretical spreading rate:</i> | 8.4 m ² /ltr (5.6 m ² /kg) (50 micron DFT) |
| <i>Consumption:</i> | 0.12-0.15 ltr/m ² / 180-220 g /m ² |
| <i>Surface dry:</i> | 30 approx. min (s) 23°C/73.4°F 50% R.H. |
| <i>Full dry:</i> | 24 hours (23°C and 50 % R.H.) |
| <i>Recoating interval:</i> | 6 hours (23°C and 50 % R.H.) |
| <i>Application temperature:</i> | +10 °C/50° F and +35 °C/ 95°F |

Application Details

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| <i>Application method:</i> | Brush / Roll / Airless Spray |
| <i>Thinner:</i> | Fresh water |
| <i>Thinner Amount:</i> | 10 % for Brush and Roller / 5% for Airless spray |

Surface Preparation:

The Surface should be stable, firm, dry and free from sand, dust, loose old paint, dirt, grease and oil.

PRECEDING COAT:

Acrylic primer – Concentrated Sealer



Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- The surface should be protected from moisture and rain for 24 hours after application.
- All application tools and equipment should be cleaned with water immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above.

Shelf life & Storage:

12 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Legal Notice:

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