

WEATHERBLAZER Si PAINT

Specialised weatherproof paint based on silicone



Product Description:

Unique application with enormous promise, adaptable and versatile, Weatherblazer Paint based on Silicone Resin Emulsion is one of the most advanced and versatile paint available today. Silicone Resin Emulsion are the preferred painting systems in the world due to many advantages over film forming painting systems. Thanks to its outstanding water vapour permeability Weatherblazer Paint system does not block the surface's micro-porosity when applied to materials and so, it lets the surfaces breathe. Moisture in the material can therefore evaporate from inside to outside resulting in a regular transfer of water Vapour and CO₂. Unlike the various film-forming paints/coatings such as those based on acrylic or other synthetic resins, building materials that have been treated with Weatherblazer Paint system retain their vapour permeability. This is because it does not seal the pores at the surface of the mineral masonry substrate, but form a very thin layer on the pore walls. Treated pores are no longer wetted by water, and capillary water uptake is prevented.

Application Areas:

An attractive and protective multi functional, weatherproof, waterproof and dustproof coating for concrete and masonry surfaces in old or newly built residential, industrial, conservation & repair of historic buildings.

Benefits

-  **WATERPROOFNESS**

Maximum reduction of water uptake with excellent beading effect prevents absorption of water into substrates.
-  **WATER VAPOR PERMEABLE**

Open pored surface property ensure a controlled water and gas equilibrium resulting in the increased life span of the building
-  **WATER REPELLENT**

There is no swelling, flaking or darkening of the finish even after heavy rain and water pressure.
-  **DUST REPELLENT**

Beads of Water roll off along with Dirt. Dry Structure doesn't attract dust to stick the surface.
-  **NO CHIPPING/FLAKING**

Because of Breathability, gases can be moved out easily, resulted in no pressure from the bottom of substrate to the surface.
-  **RESISTANCE TO UV LIGHT**

Means no fading of Colours & Elastomeric Property remains intact.
-  **TIME SAVING SYSTEM**

Freshly plastered surface can be painted immediately after 8 days, because of high permeable to CO₂ (no impede of carbonation). So no necessary to re-erect the scaffoldings.
-  **KEEPS FAÇADE NEW**

Long lasting effect, outstanding durability & weatherproof protection.
ENVIRONMENTAL FRIENDLY Solvent free - water born & excellent environmental compatible.



ENVIRONMENTAL FRIENDLY
ECONOMICAL

Solvent free - water born & excellent environmental compatible.
Very long life (more than 15 years). No necessity for any renovation /repainting with almost no maintenance.

Typical Properties (Technical Characteristics):

Nature :	Single pack.
Appearance :	Homogenous, uniform, soft, viscous paste.
Colour	: White and other colour shades.
Weight per liter Viscosity on ford	: 1.50±0.05kg.
cup B4 at 25	: 40 - 45 seconds.
Solids Content	: 50 ± 05 % by weight.
Consistency	: Brushable - viscosity can be adjusted by diluting with water.
Dryfilm thickness (dilution 10 - 15 %)	: 50 - 60 microns per coat.
Capillary water absorption value (W24)	: < 0.9 kg / M 2h0.5
Water vapour permeability, WVP, sd value	: < 0.070 m.
Abrasion cycles after 7 days ageing	: > 10, 000 cycles.
Beading effect after exposure (droplet effect)	:Very good.

Direction for use:

Surface Preparation: The surface shall be free of dirt, dust and earlier paint. Clean the surface thoroughly. Any repairing of plaster if required must be carried out prior to application of Weatherblazer Paint. No primer is required, because silicone itself bonds strongly to mineral materials. Do not apply on existing oil paints or non permeable coatings like epoxies or polyurethanes. Wash the surface if possible to open the pores for better performance.

Mixing/ Primer Coat: For priming/first coat, add water 20-25% by volume, mix thoroughly to a uniform liquid and apply by good quality brush or roller.

Application process: For top coats dilute the paint 15 - 20 % by volume with water and apply by good quality brush or roller. Two coats are required for better hiding and protection.

Cleaning:
Tools can be cleaned with water immediately after use.

Coverage:
8 - 9 square meter per liter per coat. Coverages are dependent on surface unevenness, porosity and dilution ratio of a paint.

Packaging:
20 liters.

Storage & Shelf life:
Store the at cool and dry place away from sun heat in original sealed containers. Shelf life is nine months from the date of manufacture.

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