

WALLBLAZER ULTRA

High performance protective elastomeric coating.

Product Description:

WALLBLAZER ULTRA is a special synthetic resin based waterproof coating, because of its excellent flexibility and thixotropic nature, with antifungal and crack bridging ability, it is ideal for use on vertical as well as horizontal surfaces. It forms higher film thickness, has excellent flexibility, water resistance, crack-bridging ability, weathering durability and an excellent resistance to the growth of microorganisms.

Application Areas:

Waterproofing for roofs ranging from asphalt, asbestos, cement to concrete, Metal Surfaces and terrazzo tiles. Recommended for both horizontal and inclined structures. Waterproofing of roof slabs, terraces, balconies, sun shades, parapet walls, etc. Provides additional water-proofing and protection when used as base or intermediate coat in brickbat coba / IPS flooring. Waterproofing of new as well as old surfaces. It is good adhesion for all type of Polymers and Bituminous Coating.

Benefits:

- ⦿ **Life and durability of the structure is increased.**
- ⦿ **Light weight compared to conventional roofing systems, thereby loading on the roofs is reduced.**
- ⦿ **Provides seamless and joint free seal throughout the surface, which is impervious to water.**
- ⦿ **Easy application, leading to quick completion and time saving.**
- ⦿ **Provides insulation due to solar reflection.**
- ⦿ **Excellent bonding to most building materials.**
- ⦿ **Low water absorption & Low dirt picks up.**
- ⦿ **Long term exterior durability**
- ⦿ **UV stable.**
- ⦿ **Microbial resistance – Resistance to fungus and algae hence maintains the aesthetic value.**

Direction for use:

Surface Preparation:

Surface preparation is very important to get the best results and to avoid failure. The substrate must be sound enough, clean and free of dirt, grease, oil, sludge, moss, blistered cement coating, loose plaster etc. Thoroughly wire brush the surface to remove saturated dirt and loose particles. Wash the surface to remove dust. Allow the surface to dry completely.

Mixing/ Primer Coat:

After cleaning the roof surfaces, prime with WALLBLAZER ULTRA diluted 1:2 with sweet water. After complete drying of the primer, proceed as described on the surfaces to apply.

Application process:

Mix the content of pack in its original container by stirring with the help of a wooden stick to a uniform, homogeneous free flowing paste consistency. Apply the first coat of WALLBLAZER ULTRA by brush, roller or spray generally. Allow the coating to dry for at least 4 hours before applying second coat. Minimum two coats are recommended. up to 20% for 1st coat and 10% for 2nd coat is allowable. Allow the coating to dry / cure on its own. External curing is not required.

Appearance	Viscous Liquid
Solid Content	63 + 5% (ASTM – D 1644-03)
Color	White
Viscosity (Spindle No: 7; RPM: 10 25° C	10000 to 12000 CPS (thixotropic)
Specific Gravity	1.3 + 0.10 (ASTM – D 1475-03)
Tack Free Time @ 35 ° C	2 to 3 hrs.
Drying Time @ 25° C	11 – 12 hrs (A S T M D 1 6 4 0- 0 3)
Resistance to Temperature	Approx. -30 °C to +100 °C
Elongation Break	> 350 % (ASTM – 412)

Tensile Strength N /mm ²	2.80 (ASTM – D 412-98a)
Water Permeability	almost zero
UV Resistance	10,000 hrs. No deterioration or color fade. (ASTM D 822)
Flash Point	Non-flammable
Tear Resistance	(KN/M) 24 (SRTL/SOP/16)
Adhesion Strength N /mm ²	66.00 (ASTM – D 903-98)
Pull Off Test N / mm ²	2.704 (BS 1881:part 207:1992)
Water Vapor Transmission g / h – m ²	0.97 (ASTM E 96-095)
Dry Film Thickness	500 µm achieved in 2-coats

Cleaning:

Tools and equipment to be cleaned with water immediately after the use.

Coverage

55 - 60 sq. Ft./lit./coat on primed surface.

Precautions:

Do not apply on wet or damp substrate.

Do not apply in rain.

Do not apply below 5°C.

Packaging:

4,10, 20 Ltrs.

Storage & self life:

Store in cool dry place. Shelf life of the unmixed material is one year from the from the date of manufacture.

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