

# VS WR-009

## WATERPROOFING COMPOUND

## WATERPROOFING CHEMICALS

### Description

A Water dilutable Waterproofing compound offers low VOC alternative to solvent-based for industrial and architectural applications.

It is a water dilutable compound that produces coatings with excellent water and chemical resistance when fully cured. It has excellent adhesion to various substrates such as M.S., Glass, Aluminum, Plastics, Concrete, Ceramics, Masonry, Stones etc.

### Physcial/Chemical Specifications

Appearance	White viscous liquid
Solids wt.	58% - 62 %
Specific gravity	0.98 - 1.02
Solvent	Water ,isopropyl alcohol , butyl glycol
Solvent Compatibility	Alcohols, Ketones, Aromatics, Glycol ethers, Water etc.

### Characteristic

- o Water-dilutable.
- o Cost effective.
- o Good adhesion promoter used as intermediate coat to improve adhesion.
- o Provides adhesive coat between old and new concrete.

- o Excellent corrosion resistance, resistance to water and chemicals and good performance properties.
- o After dilution with water the product has good pot life.

## Dilution

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The product is diluted with water in the mixing ratio 1:1

Appearance of the solution after dilution of water may be milky white.

## Processing

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The diluted product can be applied by brushing.

The waterproofing compound can be applied directly on building terrace or roof without damaging the top substrates.

For better adhesive property, proper cleaning of the surface and roughening by wire brush on china chips laying is required. The product can be applied on slightly wet substrate. The best results achieved by application of two to three coats of the product at the interval of 4-8 hrs between the subsequent coats.

### Curing:

The water diluted product dries at normal dry atmospheric conditions. Curing rate increases at elevated temperature. As the curing temperature and schedule increases the cured film gives excellent performance properties. The product can be over-coated after 4-24 hrs of drying at normal dry atmospheric conditions. .

### Uses:

The resin can be used for building terrace waterproofing,

primer coat for floor coatings,

water resistant coat prior to architectural coatings,

Thermal/Heat insulation coatings for terrace etc.

### Application:

By conventional spraying, brushing, dipping.

## Storage

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The product should be stored in dry and cool place. (Shelf life-Six months).