

# WR1



## General Purpose Waterproof Bonding Agent & Mortar Mixture

### DESCRIPTION

S.S. WR1 is a latex-based, water-resistant bonding agent and admixture for use in areas subject to humidity, dampness and continuous water contact.

Improves water resistance of cement mixtures by forming a reinforcing polymer that increases long term durability and flexibility of the mix on renderings and floor screeds.

### USES

- As an admixture for mortar/screeds/renderers.
- As a bonding agent for screeds/renderers.
- As a primer/sealer in tiling applications.
- As a flexibiliser for cementitious-based tile adhesive when tiling on wooden/asphalt floors.

In addition, S.S. WR1 has the advantage over PVA bonding aids in that it is not adversely affected in wet conditions and is therefore recommended for exterior use.

### CHARACTERISTICS

Appearance	Whitet Liquid
Packaging	5, 10 and 20 litre jerry cans
Shelf Life	12 months in original unopened containers
Density	ca. 1.02 kg/L
Total Solids	ca. 40%
Viscosity	less than 100 cPs
M.F.F.T	0°C
Freeze / Thaw	Passes 5 cycles at -15°C to +20°C

### STORAGE

S.S. WR1 is best stored at 5°C to 25°C to avoid the possibility of permanent damage occurring due to prolonged heat or excessive cold.

However, if frozen the latex should be thawed slowly. S.S. WR1 contains sufficient bactericide to preserve the latex under normal storage conditions.

### ADVANTAGES

- Minimizes water penetration
- Greatly improved adhesion to a wide range of substrates including dense concrete, steel, tiles etc.
- Mixes may be applied in much thinner sections.
- Excellent resistance to water and water vapour.
- A high level of resistance to salt permeation.
- Much improved toughness and flexibility.
- Reduced surface dusting of concrete.
- Greatly improved resistance to many chemicals – ideal for use in dairy parlours etc.
- Reduced water:cement ratio for equivalent workability.
- Improved frost resistance.
- Freeze thaw stable.