

STAR
SMART
BUILDING SOLUTIONS



STAR WaterPruf

CONCRETE PROTECTOR

SBR LATEX

W2



WATERPROOFING /
BONDING SLURRY



PLASTER REPAIRING



CONCRETE REPAIRING



ENHANCES DURABILITY



AN ISO 9001:2015, ISO : 14001:2015,
45001:2018 CERTIFIED

Product Description

STAR WaterPruf W2 (Concrete Protector) is a high performance modified Styrene-Butadiene Rubber (SBR) based binder with Elastomeric Latex Technology for high performance waterproofing and repairs. It is used for repairs of spalled concrete such as floors, columns, beams, chhajjas, slabs & waterproofing of toilets, bathrooms & terraces.

It bonds strongly to old concrete to new concrete and old plaster to new plaster.

Areas of Application



Modifier for repairing plaster, concrete & mortar



Bonding agent for old to new concrete/mortar



Basement



OH / UG Tanks

USP

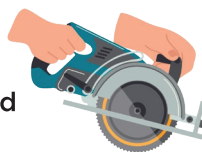
Features	Benefits
Multipurpose	It is an easy to use, economical and multipurpose product.
Cracking	It prevents cracking by improving flexural strength.
Hardness	Improves the hardness & prevents dust generation.
Shrinkage	Reduces drying & aging shrinkage cracks.
Bonding	Bonds strongly to concrete, masonry, stonework, plasters, steel, asphalt & most of the building materials.
Erosion & corrosion	Improves erosion resistance & prevents corrosion.
Waterproofing	Prevents leakage & dampness.
Durability	Enhances strength of a repair mortar & provides durability.
Rebound loss	Less material wastage - material does not fall back/ rebound, when used as bonding agent.

Direction For Use

- 1** Clean the surface with wire brush or scrubber to remove hidden dirt, loose particles, laitance, & dust. Degrease the surface by using suitable solvents.



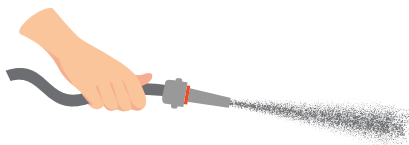
- 2** Repair the concrete spalled portion by saw cutting the extreme edges of the repair location to a depth of at least 10 mm to avoid feather edging & to provides strong substrate.



- 3** Clean the concrete surface to remove any contamination where breaking is not possible.



- 4** Roughen the surface by light scabbling or grit blasting.



- 5** Expose corroded rebars in the repairing area fully. Remove all loose scales & corrosion deposits & immediately clean the surface.



Application Mix Ratio

- Mix STAR WaterPruf W2 (Concrete Protector):Water:Cement in 1:4:7 ratio for Bond Coat/Waterproof/Rebar Coating.
- For Renders, Patching & Crack Repair mortar, mix STAR WaterPruf W2 (Concrete Protector) 5 ltr + Water 15 ltr + Cement 50 kg + Sand 150 kg.
- For Waterproof/Repair, mix STAR WaterPruf W2 (Concrete Protector) 1 ltr + Water 20 ltr + Cement 50 kg + Sand 150 kg.

Precautions & Limitations

- Do not dilute with water or by any other means.
- Close the container lid properly after use.
- Before applying over the natural stones like sand stone, slate or Dholpur sampling should be done on a small area to check its suitability.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.

Technical Information

Properties	Results
Appearance	Free Flow liquid
Type	Styrene-butadiene rubber (SBR)
Colour	Milky White
Sp. gr. @ 27°C	1.02 ±0.02
Solid Content	42 - 44
ph Value	7 - 9
Chemical Resistance	Resists mild acids & alkalies
Freeze Thaw Resistant	Excellent

Available in

1 Ltr, 5 Ltr, 10 Ltr, 20 Ltr



Precautions

- Do not dilute with water or by any other means.
- Close the container lid properly after use.
- Before taking up application on a large area, it is advisable to check the performance of the product on a relatively small area.
- Use rubber hand gloves & safety goggles, while using STAR WaterPruf W2 (Concrete Protector).
- In case of contact with skin, wash with plenty of water.
- Keep out of reach of children.

Coverage

70-75 sq.ft./L for 2 coats with a proportion mix 1:4:7

STAR WaterPruf W2 (Concrete Protector):Water:Cement

Recommendations for other applications are given in above tables.

STAR
SMART
BUILDING SOLUTIONS

Product Portfolio

- | | |
|---|---|
| ☒ STAR AAC
<i>Alternative to Clay Bricks</i> | ☒ STAR WaterPruf
<i>Integral Waterproofing Compound
W1 - Concrete Mix</i> |
| ☒ STAR Block Jointing Mortar
<i>Adhesive for Joining the AAC Blocks</i> | ☒ STAR WaterPruf SBR Latex
<i>W2 - Concrete Protector
W3 - For Hairline Cracks
W4 - For Hairline Cracks (Premium)
W5 - For Cracks up to 1mm
W6 - For Cracks up to 2mm</i> |
| ☒ STAR TiloSetter <i>Tile Adhesive</i>
TiloSetter - For Small Floor Tiles
Premium - For Medium Floor & Wall Tiles
Elite - For Stone & Large Floor & Wall Tiles
Ultima - For Heavy Marbles & Glass Mosaic Tiles | ☒ STAR UltimaSmooth Wall Putty
<i>For Creating a Smooth & Even Wall Surface</i> |
| ☒ STAR TiloKlean <i>Tiles Cleaning Solution</i> | ☒ STAR Dhalai Master CoverBlock
<i>For Ensuring Reinforcing Bars or Rebars are put into the Concrete at the Proper Depth</i> |
| ☒ STAR GroutSolidSeal (Cement Based)
<i>To Fill Up Gaps for Domestic Tiles</i> | |
| ☒ STAR GroutSolidSeal (Epoxy Based)
<i>To Fill Up Gaps for Industrial & Commercial Tiles</i> | |
| ☒ STAR RMX Ready Mix Plaster
<i>For both Interior & Exterior Plastering of Walls</i> | |

Star Smart Building Solutions Ltd.

Gopinath Bordoloi Road, Vill. Chamatapathar, Dist. Kamrup(M), Guwahati – 782402, Assam

www.starcement.co.in | Toll Free No.: 1800 345 345 00 |  Star Cement