

STAR
SMART
BUILDING SOLUTIONS



STAR WaterPruf

CONCRETE MIX

INTEGRAL WATERPROOFING COMPOUND

W1



**INCREASE CONCRETE &
MORTAR STRENGTH**



**INCREASE
WORKABILITY**



**PROVIDE RESISTANCE
TO CORROSION**



**REDUCE
SHRINKAGE CRACKS**



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

Product Description

STAR WaterPruf W1 (Concrete Mix) is a specially formulated integral liquid waterproofing compound composed of surface-active plasticising agents, polymers & additives. It is used as an additive for cement concrete & plasters. It makes concrete cohesive and prevents segregation.

Standard Compliance/Specification

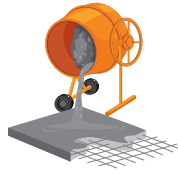
Meets the requirements of IS : 2645-2003

Areas of Application

Waterproofing of concrete and sand-cement mortar used in



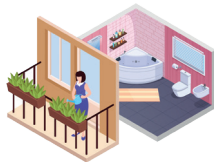
Basement



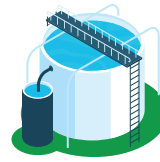
Roof Slabs & Screeds



External & Internal Plasterings



Bathrooms & Balconies

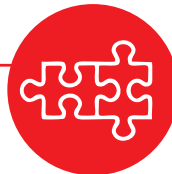


Water Tanks & Water Retaining Structures

Features & Benefits



Corrosion Resistant
Makes concrete more cohesive, hence protects steel better against corrosion.



Compatibility
Being a liquid, easily dispersible & compatible with concrete/plaster mixes.



Permeability
Minimizes the permeability and increases the waterproofing properties of concrete and cement plaster.



Strength
The setting time and compressive strength of the concrete remains within the specification limits.



Shrinkage
Minimizes shrinkage crack development in plaster & concrete.



Workability
Improves workability of freshly mixed cement concrete.

Direction For Use

- 1 Charge cement & aggregates to concrete mixer as per the mix design. Mix in dry state for 1-2 minutes.



- 2 Start addition of 70-80% pre-measured water & further mix for 2-3 minutes.

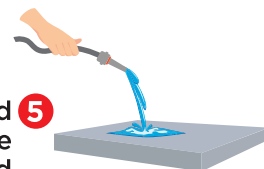


- 3 STAR WaterPruf W1 (Concrete Mix) waterproofing compound should be added as per the recommended dosage into the remaining 20% water. Then this mixture should be added into the concrete mixer & mix for another 2 minutes.

- 4 Place the concrete or apply plaster, as needed.



Cure the applied mortar or concrete as per good construction practices.



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Precautions & Limitations

- Do not add STAR WaterPruf W1 (Concrete Mix) directly to dry cement & aggregate mix.
- Maintain water-cement ratio as low as possible.
- Do not increase the dosage of STAR WaterPruf W1 (Concrete Mix) than the recommendation.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Appearance		Free flowing liquid
Colour		Brown
Sp. gr. @ 25 °C		1.05 - 1.07
Solid Content		13.5 - 14.5
ph Value		9 - 13
Setting Time	IS : 2645 : 2003	Passes
Chloride Content	IS : 2645 : 2003	< 2.00%
Water Permeability	IS : 2645 : 2003	Passes
Compressive Strength N/mm ²	IS : 2645 : 2003	As per the standard

Dosage

200 ml per 50 kg bag of cement



Shelf Life & Storage

- Best before 2 years from the date of manufacture when sealed and stored under proper conditions.
- Store in a cool & dry place.

Available in

1 Ltr, 5 Ltr, 10 Ltr, 20 Ltr



Health & Safety Precautions



Use rubber hand gloves & safety goggles, while using STAR WaterPruf W1 (Concrete Mix).



In case of contact with skin, wash with plenty of water.



Keep out of reach of children.

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Product Portfolio

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

Star Smart Building Solutions Ltd.

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