



WATER PROOFING



Features



UV Resistant Nature



Superior Performance
bond strength. Shrink Reducer.



Good Crack Bridging
Strength, abrasion
resistance properties



Waterproofing
Flexible Coating

SMARTBLOK UNIVERSAL POLYMER

Weatherproof High Performance Acrylic Polymer for
Waterproofing & Repair Application

AREAS OF APPLICATION

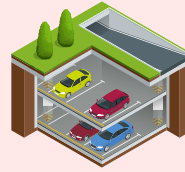
JSW SmartBlok Universal Polymer is a modified acrylic emulsion based material. This material is specially designed for exterior water proofing. Addition of this material provides improved adhesion at old to new concrete and plaster. It is a universal bonding material for concrete and masonry repair.



Sunk & Non Sunk
Wet Areas



Bonding Agent for Old to
New Concrete/Mortar



Basement



OH / UG water tanks

6 BENEFITS

- **Crack prevention:** The improved flexural strength prevents the crack generation.
- **Hardness:** It improves the surface hardness and prevents dust generation
- **Shrinkage:** It reduces the drying shrinkages.
- **Bonding:** It provides improved bonding for concrete & mortar for new construction as well as repair works.
- **Erosion & Corrosion:** This reduces erosion and corrosion.
- **Flexible Coating:** This provides a flexible coating for exterior and interior application.

DOSAGE

- **Water Proofing:** SmartBlok Universal Polymer : Cement = 1:2 (by weight)
- **Bonding Coat:** SmartBlok Universal Polymer : Cement = 1:1.5 (by weight).
- **Repair Mortar:** Cement : 50 Kg, Washed Sand : 150 Kg, SmartBlok Universal Polymer : 6-7 Kg, Water : 21-22 Lit

BEST BEFORE

- 12 months from the date of manufacturing.
- **Store in cool and dry place in unopened condition. Prevent from direct sunlight.**

TECHNICAL SPECIFICATIONS

Description	Results
Nature/Appearance	Milky white liquid with translucence
Material type	Modified Acrylic
Total Active Content (by mass)	34±1 %
Specific Gravity at 25 °C	1.0 – 1.05

COVERAGE

- **Water Proofing:** Min 7-8 Sq.ft/Kg of Slurry for 2 Coats
- **Bond Coat:** 20-21 Sft/Kg of slurry for 1 coat

PACK SIZE

- 1 kg
- 5 kg
- 10 kg
- 20 kg



JSW Cement

World's No.1 Eco Friendly Cement Company

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