



## WATERPROOFING

### Features



Enhanced Integral Waterproofing Compound.



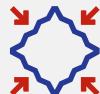
Portland and all type of Blended Cement compatible.



Improves Concrete & Mortar Strength.



Concrete & Mortar Work-ability Enhancer.



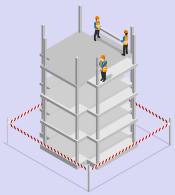
Reduces Shrinkage Crack

## SMARTBLOK IWC+200

Integral Water Proofing Compound suitable for all types of Concrete & Mortar

## AREAS OF APPLICATION

**JSW Smart Blok IWC+ 200** is an Integral liquid waterproofing compound composed of surface active plasticizers, polymers and additives. It reduces the water demand (6-8% reduction) with the required workability in mortar and concrete.



RCC Slabs,  
Columns & Beam



Concrete & Screed



External & Internal  
plastering



Basement



OH / UG water tanks

## 6 BENEFITS

- Workability:** Improves workability and cohesiveness of the mortar and concrete.
- Anti Bleeding:** Reduces bleeding and segregation in mortar and concrete.
- Compatibility:** Being liquid, easily dispersible and compatible with mortar/concrete mixes.
- Low Permeability:** It reduces water penetration in mortar and concrete.
- Durability:** Improves durability due to reduction in permeability in concrete (by improving cohesiveness in concrete) and hence protects steel against corrosion in a better way.
- Shrinkage:** Reduces shrinkage crack development in plaster and concrete.

## TECHNICAL SPECIFICATIONS

Description	Test Method	Results
Appearance	Visual	Free flowing liq.
Color	Visual	Dark brown
Sp. Gravity @ 27°C	-	1.08 – 1.13
Non volatile content	-	23 ± 1
pH	-	7- 9
Setting time, min	IS 2645 : 2003	Passes
Water permeability	IS 2645 : 2003	Passes
Compressive strength N/mm <sup>2</sup>	IS 2645 : 2003	As per standard
Chloride content	IS 2645 : 2003	0.02%

## STANDARD COMPLIANCE

IS:2645 – 2003, ASTM C494 Type A & D, IS:9103 – 1999

## BEST BEFORE

24 months for sealed pack when stored in dry and under cover, Store out of direct sunlight, damp proof condition and protect from extreme temperature.

## DOSAGE

- 200 ml per 50kg bag of cement
- Site trials shall be carried out to validate the optimum dosage.

**Note:** Mix using **JSW Smart Blok IWC + 200** will require much less water than normal mix for the same workability. Water reduction may be as much as 6- 8% or more. If the moisture content of the sand or aggregate changes i.e., it becomes wetter or drier, then the amount of water used must be reduced or increased to give the original workability.

## PACK SIZE

1 litre

5 litres

10 litres

20 litres



World's No.1 Eco Friendly Cement Company

MARKETED BY: **JSW** Green Cement Pvt. Ltd.

Babukhan Millenium Centre, 6-3-1099/1100, No. 702, Block-A, Somajiguda, Hyderabad, Telangana, India, Pincode - 500 082.

Email: info@jswcement.in | Website: www.jswcement.in | Toll free - 18002662661

SCAN HERE FOR TDS



SCAN HERE

