



WATERPROOFING



## Features



Enhanced Integral  
Waterproofing Compound.



Portland and all type of  
Blended Cement compatible.



Improves Concrete &  
Mortar Strength.



Concrete & Mortar  
Work-ability Enhancer.



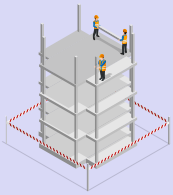
Reduces Shrinkage  
Crack

# 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 work-ability in mortar and concrete.



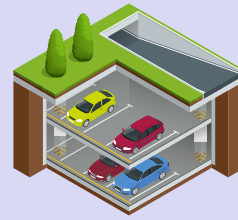
**RCC Slabs,  
Columns & Beam**



**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.

## STANDARD COMPLIANCES

**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.



**World's No.1 Eco Friendly Cement Company**

## 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%

## 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 dryer, 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



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