

# CWS B15

CWS B15 Bituminous emulsion

Waterproof  Concrete. For life.

## DESCRIPTION

CWS B15 is a one-component water based, bituminous emulsion that provides protection and waterproofing to concrete foundation structures and basement retaining walls.

## BENEFITS

- Waterproofing
- Damp-proofing
- Resistance to acids and alkalis
- Resistance to ageing (protected from UV)
- Concrete protection

## TYPICAL APPLICATIONS

- Concrete foundations
- Basement retaining walls and gutters
- Pile caps
- Ground beams
- Lift pits and sumps

## APPLICATION

### APPLICATION TO BASEMENT WALLS AND FOUNDATIONS

#### Priming

Dilute CWS B15 with 20-30% of water and mix until complete homogeneous. Apply with a brush or roller. Touch dry must be achieved (after 3 to 6 hours depending on ventilation and temperature) before applying subsequent coats.

#### Top Coats

Apply final coat of CWS B15 (undiluted) with a roller or brush at a dosage of 0.4 to 0.6 L/m<sup>2</sup> per coat, depending on substrate condition. Allow 3 to 6 hours to become touch dry, then apply succeeding coats at right angles to previous coats.

Allow curing for at least 24 hours. Then install polythene corrugated sheets to prevent mechanical damage to B15 prior to and during the backfilling of soil.

#### CLEAN UP

Tools can be cleaned with water while CWS B15 is still fresh. When hardened, it can only be removed by mechanical means.

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## TECHNICAL DATA

Product Identity	
Consistency	Pasty Emulsion
Colour	Brownish Black
Density (g/cm <sup>3</sup> )	~ 1.0
Solids Content (%)	~ 60
Application Data	
Priming layer dilution ratio	Dilute CWS B15 with 20-30% water
Consumption, Dosage (L/m <sup>2</sup> ) per coat	0.4-0.8 (Neat)
Waiting time between coats, 35°C	3 to 6 hours
Application Temperature (°C)	Min. +5, Max. +40
Final Performances	
Elongation (ASTM D412) (%)	> 30
Adhesion Strength (BS 1881) (N/mm <sup>2</sup> )	> 0.75
Resistance to dilute acids and alkalis	Excellent
Resistance to ageing (protected from UV)	Excellent

## PACKAGING

20L pails or 200L drums

## SHELF LIFE, STORAGE

12 months when stored in original unopened container away from direct heat or sunlight.



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## WARRANTY

Concrete Waterproofing Systems Ltd warrants that the products manufactured by it conform to the formulation standards contained in all components in their proper proportion and are free from material defects. If any of the products are found to be defective the subsequent liability to Concrete Waterproofing Systems Ltd shall be limited only to the replacement of the product proven to be defective and shall not be liable for any other claim or for incidental or any consequential damages that may arise directly or indirectly with the said defective product. The user shall determine the suitability of the product for its intended use and the user assumes all liability in connection therein and Concrete Waterproofing Systems Ltd shall not be liable save for terms of this warranty.