

CWS LR15

Liquid Rubber Membrane

Waterproof  Concrete. For life.

CWS LR15 is a specially formulated water-based liquid rubber membrane containing an integral synthetic micro-reinforcement.

CWS LR15 has been specifically designed to eliminate blistering and wrinkling which may occur in exposed or ponded situations. It has added application advantage as it does not require the use of polypropylene, polyester or chopped strand glass fibre reinforcing fabric and it also provides a fully bonded homogenous membrane barrier with no laps, joints or over-flashing. The CWS LR15 membrane system complies with ASTM and BS 'Waterproofing of wet areas, R.C Roofs, Water Retaining Structures in Buildings'

BENEFITS

- Multi-purpose and economical.
- Long life flexibility.
- Simple application.
- No blistering of coating.
- Environmentally friendly: contains no toxic or hazardous substances.
- U.V. resistant

TYPICAL APPLICATIONS

- Exposed roofing
- Substructures
- Balconies
- Podium decks
- Planter boxes
- Ponds
- Box gutters
- Plant room floors
- Sill flashings
- Retaining walls

CWS LR15 provides an excellent wet-area membrane barrier under tiles or other rigid surfacing to shower trays, bathroom floors and walls, laundries, kitchens or patios. Most premium quality water resistant grade ceramic tile adhesives, suitable for application to an impermeable surface will be compatible with CWS LR15.

APPLICATION

SURFACE PREPARATION

Ensure all surfaces are clean and free from dust and oil. Any gaps or expansion joints should be treated so no gaps are allowed. Surface should then receive a coat of CWS Primer W at 8-10 m²/L.

CWS LR15

Liquid Rubber Membrane

Waterproof  Concrete. For life.

Brush on two to three coats of CWS LR15 onto all internal corners, sills, hobs, outlets, penetrations, cracks etc. and leave each coat to dry completely.

APPLY

Apply CWS LR15 liquid membrane coating by brush, roller or squeegee in two to three coats to achieve a minimum film thickness of 1.0 to 1.20 mm.

Depending on the porosity of the structure, CWS LR15 uses an average of 1.2 to 2.0 Liters per m².

SURFACING

Where a trafficable coloured finish is required, apply a final coat of CWS Sealer Coat. Where concrete, exposed aggregate or mortar bed and pavers are to be installed, a slip sheet of 200 microns polyethylene should be used.

CLEAN UP

Uncured CWS LR15 may be removed with water. Removal of cured products may be assisted with a general purpose solvent.

TECHNICAL DATA

Colour	Grey, White or Light Blue
Composition	Reinforced Polymerised Monomers
Viscosity	10000 cps at 20 °C
Solids Content	> 65%
Elongation at break	200% approximately
Tensile Strength	1400 kPa @ 100% Elong.
Vapour Transmission	15 gm/mm/m ² /24 Hrs
Peel Test	Concrete – 167 N Glass – 53 N
Chemical Immersion	Passed (water, bleach)
Moving Joint Test (CSIRO)	Passed
Accelerated Weathering	Passed
Trafficability	Foot Traffic – 8 Hrs Vehicle – 24 Hrs
Based on DFT of 1mm @ 25 °C, 40% RH	
Note: Technical Data given is theoretical. Due to wastage factors, the variety nature of the substrate and site conditions etc, practical data may be different	

CWS LR15

Liquid Rubber Membrane

Waterproof  Concrete. For life.

PACKAGING

CWS LR15 is available in 20 litre pails.

SHELF LIFE, STORAGE

12 months when stored in original unopened container away from direct heat, sunlight and moisture.



Concrete Waterproofing Systems Ltd
1100 Peachtree St. NE
Suite 200, Atlanta, GA 30309 USA

Telephone: +1 678 263 0661

Fax: +1 678 263 0661

Email: info@concretewps.com

www.concretewps.com

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.