

**Product Description**

La FlexCote WP Xtra is formulated high performance to be mixed with cement on site or simply brush applied over concrete or masonry surfaces to provide an effective waterproof membrane.

**Uses**

La FlexCote WP Xtra Provides an effective and economical method of waterproofing to concrete and masonry surfaces, by mixing with cement and application by brush.

**Advantages**

- Non - toxic, non-flammable and user friendly Provides a tough, impermeable waterproof membrane
- Can be applied by brush, on horizontal and vertical surfaces
- Excellent adhesion to concrete and masonry surfaces
- Protects concrete and mortar from natural elements such as wind, rain, sunlight
- Breathable - allows inside water vapour to escape

**Areas of Application**

**Below sloping screed or waterproof plaster on:**

- Roofs, terraces and balconies as a sandwich layer
- Pools and fountains
- Reservoirs and channels
- End walls subjected to rain

**Technical Properties**

Water Absorption	1% maximum
Specific gravity/Density	1.02 ± 0.02g/cc
Solid content	45 ± 1% (w/w)
pH Value	>7
Chemical	Acrylic emulsion
Pot Life	30min at 30°C
Toxicity	Non Toxic
Application Temperature	Not less than 10°C
Bond Strength to Concrete	Approx 1.5N/mm <sup>2</sup>

**Application Instructions**

**Surface preparation**

All surfaces to be treated with La FlexCote WP Xtra must be thoroughly cleaned by a wire brush or other mechanical means, to remove all dust, laitance or debris. The surface must also be free from oil, grease, wax or any other form of foreign matter which La FlexCote WP Xtra might affect adhesion. Spalled and deeply disintegrated concrete or mortar must be removed to a sound substrate and repaired suitably before coating.

**Priming**

Before application, the surface should be primed with La FlexCote WP Xtra as follows:

**1 Part of La FlexCote WP Xtra: 2 parts of Water : 4 parts of Cement**

Mixed material with the above proportion will cover an area of 16-17m<sup>2</sup> for 1L of La FlexCote WP Xtra

**Topcoat**

La Flex Coat acrylic polymer shall be mixed with neat cement in the ratio of 1:2 respectively, to obtain a uniform and consistent slurry avoiding any lump formation. This can be achieved with a low duty, low speed drilling machine attached with a mixing paddle.

Do not mix for more than 2 minutes. Do not mix more material than which can be used within the potlife. Re-tempering the mix with water should not be done.

Occasionally stir the material till the entire quantity is applied, so that solids do not settle at the bottom of the container.

**Mixing Ratio of Topcoat**

La FlexCote WP Xtra liquid	Neat Cement
0.5kg	1kg
1kg	2kg
5kg	10kg
20kg	40kg

La FlexCote WP Xtra is being a high solid acrylic polymer, the product can suitably diluted for base coat and topcoat application as per the requirement at site.

### Application

For best results, wet the surface before coating. Apply the mix with a short, stiff bristle brush like a paint to an approximate thickness of 1 to 2mm.

During the first 12 hours of curing, La FlexCote WP Xtra surface must be protected from abrasion, rain or other adverse conditions. No traffic shall be allowed within 48 hours after application.

Normally 2 coats of application of La FlexCote WP Xtra are recommended. First coat should be allowed to air dry for 5 - 6 hours. After application of the final coat, initial air drying shall be allowed for 2 to 6 hours. During this period water should not be used for curing. Moist curing should be done for the next 24 hours by spraying water on La FlexCote WP Xtra coating.

Following moist curing, La FlexCote WP Xtra should be allowed to dry for three days before subjecting it to submersion in water.

### Coverage

Priming Coat	- 10 - 12m <sup>2</sup> /kg after dilution
Topcoat	- 4.5 - 5.0m <sup>2</sup> /kg /coat

However the practical consumption varies depending on the texture and porosity of the surface and the application thickness.

### Shelf Life

La FlexCote WP Xtra may be stored for upto 18 months when contained in its original sealed packing.

### Packaging

20 & 30Kg Pack

### Health & Safety

Cementitious mortars modified with La FlexCote WP Xtra should be properly handled while mixing. Use gloves while mixing to avoid skin irritation. During use avoid inhalation of dust and contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. Use of barrier creams provides additional skin protection. Should accidental skin contact occur, remove immediately with a resin removing cream followed by soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

### Fire

La FlexCote WP Xtra is non-flammable.

**Important:** La Greens India Pvt. Ltd., products are guaranteed against defective materials and are sold subject to its standard terms and conditions of sale. It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, La Greens India does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.



Smart Solutions for Sustainable Construction

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