

## OVERVIEW

CLEXOELAST-LCB is a single component liquid applied coating. CLEXOELAST-LCB is high performance waterproofing liquid coating that dries to form a tough and flexible impermeable coating. CLEXOELAST is a cold applied liquid waterproofing membrane. Specially designed from a blend of special resin and rubber reinforced with special water-repelling filler it is a blend of tropical grade bitumen emulsion with modification using pure acrylic polymer. It is protective & waterproof coating which has 800±150% Elongation.

## PROPERTITES

- Single Component, Cold Applied and Highly Elongation Rubber like Membrane.
- No mixing or heating required. Save labour coat.
- Highly Resistance to oxidation, UV & ozone.  
Fast drying, easy to apply by brush, spray or rollers and High flexibility.
- Ensures durable bond & resists peeling, and chipping hence lasts longer.  
Excellent crack bridging capacity up to 2mm width.  
Structure life and durability is increased.
- Leading to early completion and time saving.
- Lightweight coating with joint free seal.

## AREA OF USE

- CLEXOELAST-LCB applied for waterproofing of roof slabs, terraces, balconies, sun shades, parapet walls, etc.
- Suitable for horizontal and vertical wells.
- CLEXOELAST-LCB is optimally suitable for application on structures having complicated geometry like domes, arches, shells, folded, plates, paraboloids, corrugated sheets, etc.
- Useful on concrete terrace gardens, swimming polls, basements, metal, plastic, etc.
- Excellent crack bridging capacity up to 2mm width.

## INSTRUCTIONS FOR USE

The application temperature should be between 5°C to 45°C. Application procedures may vary slightly depending upon site conditions. The general recommended guidelines for the application of the waterproofing system are as follows:

### SURFACE PREPARATION

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections and protrusions shall be removed and repaired with 'V' grooves filling and sealed with

**CLEXODAM-SEAL/CLEXOPOLY-SEAL/CLEXOPU-CLAMP-1K**, Structurally unsound and friable concrete must be removed and repaired with a suitable **CLEXOCRETE-CWC** concrete repair mortar.

#### **Method-1**

#### **PRIMING**

If substrate is porous, it is best to use **CLEXOCRETE-CWC PRIMER** Penetrating Primer prior to **CLEXOELAST-LCB** application.

#### **APPLICATION & CLEANING OF TOOLS**

**CLEXOELAST-LCB** can be applied by spray or brush, embedding glass fiber scrim in areas which require reinforcement. Allow to dry and apply another coat to give an overall consumption of approximately 1.2-1.6kg/m<sup>2</sup>. Do not apply if rain is threatening, as **CLEXOELAST-LCB** is not resistant to rain until fully dry.

#### **Recommended: - 2-3 Coats**

Clean tools and equipment with water after use.

#### **DETAILED APPLICATION PROCEDURE**

- Prime the surface with **CLEXOELAST-LCB PRIMER**. In Ratio, (1kgs **CLEXOELAST-LCB**: 1kgs Water) @0.15-0.2kgs/Sqmt/Coat.
- After the primer coat is completely dried apply three coats of **CLEXOELAST-LCB**. It is recommended to apply the 2-3 coats after the previous coat is totally cured. @ 0.5kgs/Sqmt/Coat.
- For better results use **CLEO GLASS FIBRE MESH/REINFORCEMENT** embedded into 1st coat of **CLEXOELAST-LCB** while still wet.
- **CLEXOELAST-LCB** could be diluted up till 10 – 15% for 1<sup>st</sup> coat & 2<sup>nd</sup> coat and 5 – 10 % for 3rd coat to make material workable and get the desired coverage.
- All brushes and tools should be cleaned by water immediately after use.

#### **PRECAUTION:**

Mix only the required quantity of material, which can be utilized within stipulated pot life to avoid solidification. Wash all the tools and tackles with industrial solvent immediately after the application is completed.

#### **HEALTH & SAFETY**

As with all chemicals, caution should always be exercised. avoid prolonged contact with eyes and skin. Protective clothing such as gloves and goggles should be worn. See the relevant material safety data sheet for more information.

#### **PACKING & STORAGE**

**CLEXOELAST-LCB** is available in 5kg & 20kg plastic pails. Shelf life is 12 months in unopened container. store containers in a clean dry area protected from direct Sunlight and extreme heat and cold.





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*Life of Construction*

## CLEXOELAST-LCB

(BITUMEN MODIFIED BASE HIGHLY ELASTOMERIC

ACRYLIC COATING)

CECPL-1002

### TECHNICAL DATA

<b>Product</b>	Liquid Applied Bitumen Modified Acrylic Membrane		
<b>Base</b>	Single Component, Acrylic Resin based liquid coating		
<b>Appearance</b>	Brownish/Black		
<b>Consistency</b>	Paste like, Thixotropic		
<b>Solids Content By Weight</b>	55±2% (ASTM C-836 & C-898)		
<b>Elongation %</b>	800±150% (ASTM D-2370)		
<b>Tensile Strength</b>	2.1-4.0Mpa depending on reinforcement		
<b>Tensile Set Recovery</b>	85±10%		
<b>Bond Strength</b>	3.3 Kg/Sqcm		
<b>Permeability</b>	NIL (IS: 2645-1975)		
<b>Appearance</b>	Brownish/Black		
<b>Crack Bridging</b>	3.0±0.2mm (ASTM C-836)	<b>Chemical Resistant</b>	Good
<b>Solar Reflection</b>	No	<b>Cracking on Weathering</b>	>500HrsNo
<b>Approximate Drying Time</b>	5-6 hrs.	<b>Service Temperature</b>	+5°C to +45°C

For further details visit: [www.clexoengineering.com](http://www.clexoengineering.com)

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We are driving Waterproofing administrations supplier and waterproofing workers for hire in India. We give 5 and 10 years guarantee (relies upon the material quality) on our all administrations including new and old administrations from us.

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### PICTURES/IMAGES AT GLANCE



### CLEXO ENGINEERING & CHEMICALS PVT. LTD



[An ISO 9001: 2015 Company]

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