



**CLEXO**  
*Life of Construction*

## **CLEXOELAST-LCW** (ACRYLIC ROOF COATING FOR WATERPROOFING)

CECPL-1001

### OVERVIEW

CLEXOELAST-LCW is a one pack roof coating. It is a single component liquid applied coating. CLEXOELAST-LCW is a special Synthetic resin-based waterproofing coating. Because of its excellent flexibility and thixotropic nature coating with weather resistance. It's applied by brush or spray and after drying can be walked upon in uncovered special case. It cures on exposure to the atmosphere and forms an elastomeric seamless membrane.

### PROPERTITES

CLEXOELAST-LCW W is a white Coating. It offers excellent UV Resistance & solar reflective. it is a blend of weather resistant pigments. Gives a cooling effect due to the reflective properties. Fillers and acrylic resins with the following properties:

- Single Component, Cold Applied and Highly Elastic Rubber like Membrane.
- Waterproofing and weatherproof coating.
- Fast drying, easy to use and high flexibility.
- Unique Additive is added to make it durable.
- Leading to early completion and time saving.
- Lower Labour cost due to easy, simple and quick application, leading to early completion and time saving.
- Superior wetting and adhesion properties.
- No heating or no mixing required.
- Structure life and durability is increased.
- Lightweight coating with joint less.
- Excellent bonding to substrate such as concrete, masonry, wood, metal, plastic, etc.

### AREAS OF USES

- CLEXOELAST-LCW applied for waterproofing of roof slabs, terraces, balconies, sun shades, parapet walls, etc.
- Suitable for horizontal and vertical wells.

### 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-LCW application.

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

October 2022 – Issued by CLEXO Technical Centre,

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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#### APPLICATION & CLEANING OF TOOLS

CLEXOELAST-LCW 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-LCW 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-LCW PRIMER. In Ratio, (1kgs CLEXOELAST-LCW: 1kgs Water) @0.15-0.2kgs/Sqmt/Coat.
- After the primer coat is completely dried apply three coats of CLEXOELAST-LCW. It is recommended to apply the 2-3 coats after the previous coat is totally cured. @ 0.5kgs/Sqmt/Coat.
- For better results use CLEXO GLASS FIBRE MESH/REINFORCEMENT embedded into 1st coat of CLEXOELAST-LCW while still wet.
- CLEXOELAST-LCW could be diluted up till 10 – 15% for 1<sup>st</sup> coat & 2<sup>nd</sup> coat and 5 – 10 % for 3<sup>rd</sup> 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-LCW is available in 5kg & 20kg plastic pails. Shelf life is 12 months in unpinned container. store containers in a clean dry area protected from direct Sunlight and extreme heat and cold.

#### **TECHNICAL DATA**

<b>Product</b>	Waterproof flexible roofing compound.
<b>Binders</b>	Styrene/acrylic ester.
<b>Fillers</b>	Crushed and precisely graded fillers.
<b>Pigments</b>	Weather resistant pigments.
<b>Drying Time</b>	6 hours between coats.
<b>Specific Gravity</b>	1.1±0.2 @20°C
<b>Colors</b>	White, Other colors are available on request with sufficient order quantities.

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Elongation (ASTM D-2370)	350±50%
Solid Content (ASTM C-836 & C-898)	65±5%
Tensile Strength	2.1-4 Mpa depending upon reinforcement provided.
Material Consumption	1.2-1.6kg/ m2
Service Temperature	+5°C to +45°C
Solar Reflection & Insulation Properties	<85% and Good.
Packaging	5kg and 20kg plastic pails.

### PICTURES/IMAGES AT GLANCE



### CLEXO ENGINEERING & CHEMICALS PVT. LTD



[An ISO 9001: 2015 Company]

SEC-C2, PLOT C-35, KASHMIRI ENCLAVE

TRONICA CITY GHAZIABAD -201102

CONTACT AT: +91-8266929206, +91-9990429206

Website: [www.clexoengineering.com](http://www.clexoengineering.com) Email: [clexoengineering@gmail.com](mailto:clexoengineering@gmail.com)

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