

## EuroPlan LC



High Performance HDPE - Preformed Membrane for Upwards Bonding

### Description

EuroPlan LC is a High-Performance HDPE Preformed Membrane for Upwards Bonding designed for underground structures and similar area. Its advanced technology sets it apart from other preformed membranes: A composite sheets comprising a thick HDPE film and an adhesive that will react with wet mortar and gives an excellent bond. It is a fully bonded waterproofing membrane that bonds directly to concrete, thus sealing the concrete and preventing any ingress of water around the structure, even in some cases of soil sedimentation. EuroPlan LC does not require protection before backfilling.

### Areas of use

Basement walls

Tunnel walls and subway walls

### Advantages

High dimensional stability, puncture and tear resistance.

Highly reactive adhesive that ensure full and high adhesion to concrete surface.

No protection required.

Can be used as a barrier to gas, water and moisture.

Versatile in area of uses and suitable for different soil conditions.

Weather and UV resistant.

Strong resistant to industrial chemicals.



### Application guidelines

#### Surface Preparation

Receiving substrates must be of acceptable smoothness and does have big cracks or voids above 12mm.

#### Application Method

EuroPlan LC should not be used when climatic temperature below -2°C. In condition of when temperature is low, the tape adhesive must be heated slightly, with the means of a stifling air gun during preparation to improve initial adhesion.

#### Vertical Substrates

Lay membrane to area required, cropping it when necessary. Carefully remove release paper material with this liner side facing the concrete pour. Press membrane downwards using suitable tools to create pressured bonding to substrate.

To improve adhesion, fixings by mechanical parts and specially-designed parts can be used at the selvedge. Fixing areas must be specially protected by over-laid layers of EuroPlan LC.

#### Roller Ends and Cuts Edges

Overlap all roll ends and cut edges by a minimum 75 mm. Use EuroPlan LC DS Tape to adhere overlapped areas of 2 membranes.

#### Exposure and Protection

EuroPlan LC can be exposed to weather; however, effort should be taken to prevent damage by other trades. Any punctured or damaged areas should be repaired with a layer of EuroPlan LC membrane with minimum 50mm laps joint.

#### Packaging

Europlanlc is supplied in 24m<sup>2</sup> or 48m<sup>2</sup> per roll.

#### Storage

EuroPlan LC should be stored at room temperature, kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, a 12-month shelf life can be expected from date of manufacturing.

EuroPlan LC must be stacked or stored in a manner to prevent damages from the weight of another roll or other materials.