



# MAYOR LIQUID MEMBRANE

Single component, cold-applied fully bonded membrane

## DESCRIPTION

**MAYOR LIQUID MEMBRANE** is a highly elastic tough waterproofing system based on modified bitumen, co polymers, Filler - free. it is used to protect concrete surfaces subject to aggressive soils, soluble salts water and water vapour providing an effective continuous barrier and protection against water borne damage. Mayor Liquid Membrane is ideally suited as a vapor/ salt barrier to building facades behind granite marble, stone cladding, and curtain wall elements.

## USES

**MAYOR LIQUID MEMBRANE** Mayor Liquid Membrane is typically used on podium decks, green roofs, plazas, parking decks, inverted and protected membrane roofs. The system is also used for waterproofing foundation walls, landscaped areas, planter boxes, tunnels, etc. Suitable for use on concrete, wood, metal and masonry surfaces.

## ADVANTAGES

- Liquid application, easy to apply.
- No Joints.
- High build properties ensure rapid application.
- High elasticity, ensuring a permanently flexible barrier over a wide range of temperatures.
- Thermal stability and Excellent adhesion.
- Can be applied to a range of substrates.
- Outstanding resistance to oxidation and brittleness.
- can be applied on web surface
- No primer need
- it doesn't need heating prior to application
- high coverage per kilogram
- after cured it has good resistance to chemical, acids

## PRODUCT DATA

Color : Black

Form : One component Liquid

coverage 1.1 kg/m<sup>2</sup> at 1mm thickness.

NOTE: Coverage rate will vary with substrate condition and profile.

backing 10 Kg

Shelf Life 18 months from date of production if stored properly in original unopened backing

Storage Conditions In dry conditions and under maximum temp. 45 °C.

protected from direct sunlight, in well ventilated area

complies with ASTM C836



### APPLICATION DETAILS

#### SURFACE PREPARATION

All substrates must be sound, clean, dry, smooth and free from protrusions, voids and high spots. Presence of curing agents, paint and oil will impair adhesion. Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding Agent

**PRIMING** : Priming is not normally required on good quality, well prepared substrates.  
**CRACKS** : All shrinkage and non-structural cracks must be treated with not less than 1.5mm coating of Mayor Liquid Membrane extending 75mm either side of the crack. Allow to cure overnight prior to general application.

### APPLICATION

Mayor Liquid Membrane should be applied direct by brush to obtain a continuous unbroken film. Two coats are required with the second coat applied at right angles after the first coat has cured. waiting time between coats shouldn't be less than two hours it must be protected from mechanical damage during subsequent construction or backfilling works .

percent the first coat is diluted with water in (10 - 20 ) % of the weight of Liquid membrane , with continue stirring until get homogeneous mixture.





### CLEANING

Application equipment should be thoroughly cleaned after use with Xylene or similar. Spillages should be absorbed with sand vermiculite or similar and be disposed of in accordance with local regulations

### SAFETY

of Mayor Liquid Membrane may cause irritation to the skin and/or mucous membrane of sensitive people. If the material accidentally splashes into eyes, flush immediately with warm waters and seek medical representative.



+249-912981928  
+249-918883330  
+249-929888333

✉ husam@mayoreng.com  
f مصنع مايور لكيمائيات البناء  
مايور كيم

www.mayoreng.com  
+249-9183478259

المصنع: المنطقة الصناعية الباقير مربع (1) - عقار رقم ٦٦  
الإدارة: الخرطوم تقاطع شارع الصحافة زلط مع شارع ١٥  
العمارات - عمارة مايور الطابق الأول