LIQUID MEMBRANE

CE
EN 1504-2
EN 14891

ACRYLIC WATERPROOFING WITH BRUSH OR SPRAY APPLICATION

- Ready to use, for durable, weatherproof and UV-resistant waterproofing
- Based on synthetic resins in aqueous dispersion
- Solvent-free
- The synthetic resin mix is elastic and resistant to any movement of the sealed cracks
- Suitable for complex construction details and resistant to micro-cracking. Ideal for both industrial environments and coastal areas

ELASTIC

RESISTANT TO MOISTURE

CODE	content		pcs
	[kg]	*[lb]*	
LIQMEM10	10	*22*	1

INSTRUCTIONS FOR USE

It is always advisable to have the correct Personal Protective Equipment (PPE) and to consult the technical data sheet and safety data sheet before starting the application.
Thoroughly clean surfaces and ensure that any loose or crumbling parts, paint, rust or dust are removed. Stir carefully before use. Apply LIQUID MEMBRANE by brush, roller, mop or spray. The application must consist of at least two or three layers: the first coat can be diluted with water up to 25%, the following coats must be applied without dilution. Average consumption is of 1,5-2,0 kg/m^2 and may vary depending on the nature and porosity of the support and the desired thickness. Waterproofing must be protected from rain, dew and fog until completely hardened. Humidity and low temperatures extend the drying time. Clean the tools with water after use.

TECHNICAL DATA

properties	standard	value
classification	EN 1504-2	PI-MC-IR[1]
	EN 14891	DM 01[2]
colour	-	grey
density	ISO 2811-1	1,45 kg/L
dry residue (m/m a 130 °C)	ISO 3251	65%
surface cross-linking time 23 °C/50% RH[3]	-	4 h
time required for drying 23 °C/50% RH[3]	-	24 h
application temperature (product, ambient and support)	-	+5/+35 °C
resistance to temperature	-	-20/+90 °C
reaction to fire	EN 13501-1	E
Brookfield viscosity	EN ISO 3219	60000 ± 12000 cP
material yield[4][6]	-	> 1,5 kg/m^2
adhesion on concrete by direct traction	EN 1542	> 1 N/mm^2
watertightness	EN 14891	compliant
liquid water permeability (W)	EN 1062-3	< 0,1 kg/m^2·h^{0,5}
water vapour transmission (Sd) (0,2 mm)	ISO 7783	< 5 m
carbon dioxide permeability (C)	EN 1062-6	> 50 m
storage temperature[5]	-	≥ +5 °C
VOC	Dir. 2004/42/CE	2,25 % - 32,65 g/L

[1]Principles. Protection against penetration risks (H,I,C); humidity control (H,C); increasing resistivity by limiting humidity content (H,C). Types. H: Hydrophobic impregnation; I: Impregnation; C: Coating.
[2]Water-based waterproofing product for liquid application in dispersion with improved crack bridging capability at -5 °C equal to: >0,75 mm.
[3]The reported values may vary depending on the applied thickness and the specific conditions of the construction site (temperature, humidity, absorbency of the substrate, ventilation).
[4]At least two to three coats must be applied. Average consumption may vary depending on the nature and porosity of the support and the desired thickness.
[5] Store the product in a dry, covered location. Check the date of manufacturing on the packaging. It is affected by frost.
[6] On surfaces larger than 10 m^2, apply a texture for reinforcement on the first wet layer. When applied on porous support surfaces, it is advisable to dilute the first layer up to 20% water. Wait until completely dry before applying the second layer.

Waste classification (2014/955/EU): 08 04 16.