

Elastogum

**TECHNOLOGICAL UV- CROSSLINKING,
FIBRE REINFORCED,
ELASTIC WATERPROOFING
MEMBRANE**



DESCRIPTION

One-component liquid product composed of synthetic elastomers in watery dispersion, that once dried forms a continuous and elastic membrane, resistant to UV rays, ageing and aggressive atmospheric agents. ELASTOGUM is permeable to water vapour. Adheres perfectly to various supports such as bituminous sheaths, concrete, asbestos-cement and wood.

USE

It is used to waterproof old and new treadable coverings without water stagnation, such as terraces and balconies and to repair and protect old bituminous sheaths, to waterproof gutters and chimneys, bathrooms and shower stalls before laying the ceramic covering and to permanently encapsulate asbestos cement slabs.

SPECIFICATIONS

The protective waterproofing of surfaces not subject to water stagnation such as gutters, terraces, balconies and shower stalls should be done using fibre-reinforced elastomeric liquid membrane (such as ELASTOGUM by COLMEF S.r.l.) applied using a roller, brush or airless equipment, interlaying a fibreglass mesh (such as ARMOFLEX 120 by COLMEF S.r.l.). Consumption 1.5 kg/m² per mm of thickness.

TECHNICAL DATA

Appearance:	thick paste
Colours:	white, grey, brick red, green, transparent, copper
Specific weight (g/cm ³):	1,46
Transparent and copper specific weight (g/cm ³):	1,02
pH value:	≥ 8,5
Solid residue (%):	70
Transparent and copper dry residue (%):	50
Brookfield viscosity (mPa.s):	110000
Application temperature:	from +3 °C to +35 °C
Superficial film formation:	around 1 hour
Complete hardening (2 mm thick):	around 5 days
Maximum thickness possible:	≤ 2 mm
Waiting time between one coat and another:	≤ 24 hours
Waiting time to lay covering:	≥ 48 hours
Consumption:	1,5 kg/m ² per mm of thickness (coloured) 0,3 kg/m ² per transparent coat (copper)

PACKAGING

20 kg bucket
on 660 kg pallet
5 kg bucket
on 320 kg pallet
2.5 kg bucket
on 250 kg pallet

FINAL PERFORMANCE

Tensile strength at 28 days:	400 %
Traction strength at 28 days (N/mm ²):	1,6
Ageing resistance:	excellent
Wear resistance:	excellent
Permeability to water vapour:	6 g/m ² after 24 hours
Operating temperature:	de - 40 °C à +90 °C
Hardness SHORE A:	around 35
Water absorption in weight:	5 %

Tests performed at 23 °C - R.H. 50% in the absence of air ventilation