

Product

# ELASTOSTAR COPERTURA MONO

code 4680 RAL

**PROTECTIVE WATERPROOFING MEMBRANE APPLICABLE IN FLUID STATE,  
BASED ON MODIFIED VINYL ETHYLENE ELASTOMERS.**

Features

- Non-inflammable, non-toxic and virtually odourless.
- Can be applied in thick layers of up to 400 microns each.
- Pasty texture reduces the flaws in the support to the minimum.
- Highly elastic, waterproof layer, resistant to atmospheric agents, industrial and marine atmospheres and moulds.
- Able to breathe and non-carbonating.
- Applicable from +10°C to +35°C to the support.
- Operating temperature -30°C to +90°C (in air).

Application field

- Restoration of old waterproofing work using bituminous sheathing.
- Continuous waterproof membranes on concrete surfaces.
- Elastomer protection of concrete structures (buildings, bridges, viaducts, etc).
- Protection and waterproofing of prefabricated reinforced concrete roofs and curtain walls.
- Encapsulation and cleaning up of asbestos cement.
- Waterproofing of brickwork with split plastering.
- Protection and waterproofing of sprayed polyurethane insulation.

Application

1) PREPARING THE PRODUCT

The product is ready to use after homogenisation. Can be applied by brush, roller or airless spray, using the product as presented or diluted as required with a maximum of 5% of water.

For airless spray application, use equipment that can create pressures of at least 200 bar with 0.021"-0.025" nozzles.

2) PREPARING THE SURFACES

The surfaces to be treated have to be dry, clean and free of dust.

Any loose layers or parts or those in the process of coming loose should be removed, and where necessary the volume and surface continuity should be restored with pre-mixed mortar and suitable smoothing agents. The main preparation systems are chiselling, stone dressing, brushing, sanding and water jet, either singly or in combination, depending on the circumstances. When working on old insulation to be retained, make sure that no cold or hot applied bitumen patches are in place that could soften in sunlight. Where necessary, the raised insulation and any bubbles should be smoothed down with a flame, with the application of patches or new insulation, or the application of PLASTOSTAR E/2S elastic mortar, where necessary.

3) SEALING

On roofs, prefabricated panels and plaster, any flaws have to be sealed after opening to create natural joints. Suitable sealant is STARMASTIC P 94.



<b>kage stretching*</b>	
<b>UNI EN 1931 resistance factor to the spread of water vapour*</b>	< 3,500
<b>Air equivalent thickness (sd)</b>	< 0.35 m every 100 microns
<b>ASTM D1434 resistance factor to the spread of carbon dioxide*</b>	> 900,000
<b>Air equivalent thickness (sd)</b>	> 90 m every 100 microns
<b>UNI EN 1928 waterproofing level</b>	none 500 KPa
<b>Flash point</b>	Not inflammable
<b>Storage</b>	If kept in the original sealed packs in a dry, protected place at temperatures of +5°C to +35°C, the product will keep for 12 months. Avoid frost.

\* Tests carried out on 1.5 mm thick sheets hardened for 15 days at 22°C, RH 50%, +48 hours at 45°C.

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM ( substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.