



Product Technical Data Sheet

Product Name: **3C Sealants Liquid Jacket Liquid Rubber Membrane**



3C Sealants Liquid Rubber Membrane is a ready to use, highly elastic, modified polymer sealer that can be applied in dry and damp conditions. It can be used on walls, roofs, floors, etc. and has great adhesion to many surfaces such as concrete, stone, masonry, wood, polystyrene foam, metal, plastic, asphalt and EPDM (always carry out tests with EPDM and bitumen).

BENEFITS:

- Can be used internally or externally
- Use in vertical and horizontal applications
- Ready to use and easy to apply
- Immediately waterproof
- Fast curing to a highly elastic sealing layer
- Good UV and weather resistance
- Durable, no brittleness
- Odourless
- Can be used on damp surfaces
- Anti-slip membrane
- Can be applied with a brush, roller, squeegee or scraper/spatula

RECOMMENDED FOR:

- For the sealing of cracks and seams
- Permanent water immersion after drying
- Protection against rotting of wood and corrosion of metals
- Waterproofing walls and floors
- Shower rooms
- Repair of gutters and downspouts
- Protect metal from rust
- Protect wooden structures underground
- Sealing of flower boxes and water bowls
- Indoor and outdoor use
- Ideal for use on large, uninterrupted surfaces
- Interior and exterior waterproofings and sealing of (underground) concrete foundations, basement walls, masonry, etc.
- Waterproof layer of concrete roof tiles, wooden terrace ramps and concrete terrace tiles

PRODUCT INFORMATION

Basic Ingredient	MS Polymer
Density	Ca. 1,38 g/ml
Colour	Grey
Shelf Life/Storage	12 months. Store unopened cartridge in cool dry conditions
Consumption	1,5kg/m ² per layer of 1mm
Processing Temperature	+5°C to +30°C
Temperature Resistance	-40°C to +90°C

Skin Formation Time	1 hour
Shore A Hardness	34
Modulus at Break: ISO 37	1,7 N/mm ²
% Elongation at Break: ISO 37	235%
Modulus at Break: ISO 8339	0,7 N/mm ²
% Elongation at Break: ISO 8339	180%
Vulcanisation Rate	1,5mm/24
Solvent Content	0%
Isocyanate Content	0%
Bitumen Content	0%
Silicone Content	0%

METHOD OF USE:

PREPARATION: The substrate should be solid and free from loose, sharp parts, dust and gravel. Substrates such as steel, glass, aluminium, zinc and polyester should be degreased first. Remove any water/water film. The best adhesion is obtained on a dry surface, however the surface does not need to be completely dry.

APPLICATION: Apply Liquid Rubber Waterproof Membrane directly from the bag in one layer of minimum 1mm thickness with a short haired brush, velvet roller, squeegee or scraper/spatular, for an optimal resistance against water and UV. Apply vertical sides in multiple layers with a drying time of 4-6 hours between each layer.

LIMITATIONS:

- Not suitable for use on PE,PA,PP,PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate
- Not suitable for use on natural stone (can cause stains).
- Not suitable for expansion joints.
- Not suitable for fish ponds and drinking water reservoirs.
- Not suitable for use on butiminous surfaces.

HEALTH & SAFETY:

For health and safety information, please see the MSDS.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for their application. Therefore, tests are necessary. Our general conditions apply.