



DualProof MS Polymer Adhesive

(formerly known as CEM 805)

Product Information Page

DualProof MS Polymer Adhesive is a high quality one component, neutral cure adhesive and sealant, which has a high chemical resistance when cured.

DualProof MS Polymer Adhesive is formulated for sealing the overlaps in the The DualProof Membrane System. When cured it forms a permanent bond, which prevents the tracking of water or gases between the overlaps of the membrane.

Specification Tip for Design Professionals:

DualProof MS Polymer Adhesive may be specified by name or by using the following description: *a propriety high quality one component neutral cure adhesive/sealant which has a high chemical resistance when cured.*

Features and Benefits

- ✓ Free from solvents
- ✓ Neutral cure
- ✓ Permanent bond
- ✓ Easy to extrude from the cartridge
- ✓ Suitable for use with most common building materials
- ✓ Fast and easy to install
- ✓ CE Marked

How does DualProof MS Polymer Adhesive work:

When discharged from the cartridge, the DualProof MS Polymer Adhesive reacts with atmospheric moisture and creates an elastic vulcanized rubber seal.

How do I prepare the surface prior to application:

All surfaces onto which the DualProof MS Polymer Adhesive is to be applied must be clean, dry and free from contaminants which may prevent adhesion.

How do I apply DualProof MS Polymer Adhesive:

- Position the first length of DualProof Membrane in position.
- Wipe the clear edge of the membrane with a clean dry cloth.
- Apply a continuous 3mm bead of DualProof MS Polymer Adhesive along the clean(PVC) edge of the membrane.
- Place the edge of the subsequent length of membrane over the bead of DualProof MS Polymer Adhesive ensuring a minimum overlap of 50mm.
- Use a wooden roller to compress the overlaps.

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Please Note: DualProof MS Polymer Adhesive is not compatible with surfaces like bitumen, coal or tar coatings.

Packaging:

DualProof MS Polymer Adhesive is packed in 600ml foil-packs, 12 per pack, 50 packs per pallet.

Storage:

DualProof MS Polymer Adhesive should be stored in its original manufacturers packaging in dry conditions above 5°C.

TECHNICAL DATA:	
Material Basis	MS Hybrid-Polymer (modified silicone)
Density	Approximately 1.50g/cm ³
Application Temperature	>5°C to >40°C
Service Temperature	<40°C to >80°C
Shore A Hardness	Approximately 55
Consistency	Non-sagging
Tensile strength	Approximately 1.6N/mm ² (at approximately 2mm thickness)
Elongation	Approximately 250%
Movement accommodation	25%
Skin formation	Approximately 15 minutes @ 23°C and 50% relative humidity
Cure Rate	Approximately 3mm/24 hours @ 20°C and 50% relative humidity

Please protect the environment: Dispose of waste in accordance with the local authority regulations.

Disclaimer: The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine themselves what products are suitable for use. Accordingly, no liability will be accepted by IBC Limited t/a SURFASOLOGY™.

For further information contact the SURFASOLOGY™ Technical Department.

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Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

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