

# PRODUCT DATA SHEET

## DELTA CEM 805

Product Code: DMS286



**Delta CEM 805 CEM 805 is a one-component, odorless adhesive/sealant which reacts with atmospheric moisture to create an elastic vulcanized rubber seal.**

CEM 805 is resistant to weathering and reacts with atmospheric moisture to form an elastic seal. It does not contain solvents, is free of silicone and isocyanates, cures neutrally, is compatible with paints and features excellent chemical resistance. for green roofs.

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### AREAS OF APPLICATION

Sealing and bonding of interior and exterior joints in the metal, roofing, glass and caravan industry, suited for plain concrete structures, metal, wood, plaster, gypsum, ceramics and various plastics as well as for anodized steel and aluminium. For bonding natural stones please confirm with Delta Membrane Systems Ltd and carry out tests prior to application. Do not use on bitumen, tar or coatings causing incompatibilities and bleeding/staining particularly suited for objects that require silicone-free bonding and sealing.

### APPLICATION

Adhesion surfaces must be dry, sound, free of dust, release agents and coatings inimical to adhesion. Adhesion is excellent on many substrates without primer. Do not use primer on glass and glazed surfaces. On absorbent substrates a primer may optimize sealant adhesion. Please note that flat bonds of less absorbent substrates take longer to cure.

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### TECHNICAL DATA

Material Basis	MS-hybrid-polymer (modified silicone)
Density	approx. 1.50g/cm <sup>3</sup>
Application Temperature	+5°C to +40°C
Service Temperature	-40°C to +80°C
Hardness Shore A	approx. 55
Consistency	non-sagging
Tensile Strength	approx. 1.6 N/mm <sup>2</sup> (at approx. 2mm adhesive/sealant thickness)
Elongation at Break	approx. 250%
Movement Accomodation	25%
Skin Formation Time	approx. 15 minutes (at 23 °C and 50% rH)
Cure Rate	approx. 3mm / 24h (at 20 °C and 50% rH)
Colour	Standard colours: white & light grey
Form of delivery/storage	290ml cartridges, 20 cartridges/box Store in cool & dry conditions in original pack- aging. Shelf life 12 months.

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