

# CEMproof® CEM 805

## One Component Elastic Sealant

### CEMproof CEM 805

CEM 805 is a one-component, odourless adhesive/sealant that 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**.

### 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 BPA 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.

### Technical Data

#### Material basis

MS-hybrid-polymer (modified silicone)

#### Density

approx. 1.50 g/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. 2 mm adhesive/sealant thickness)

#### Elongation at break

approx. 250 %

### Movement accommodation

25 %

### Skin formation time

approx. 15 minutes (at 23° C and 50 % rH)

### Cure rate

approx. 3 mm / 24 h (at 20° C and 50 % rH)

### Colour

#### Standard colours

white and light grey

### Form of Delivery / Storage

290 ml cartridges, 20 cartridges/box

Store in cool and dry conditions in original packing.  
Shelf life 12 months.

