

# CEMproof® CEM 423

## One Component Sealant

For Floor and Connecting Joints

### CEMproof CEM 423

CEM 423 is a one-part, elastic polyurethane sealant that cures upon exposure to atmospheric moisture. CEM 423 is used according to IVD Instruction Sheet No. 1 (IVD = German Sealant Manufacturers' Association).



### Areas of Application

Sealing of interior and exterior expansion and connecting joints, e.g. in warehouses, underground car parks, manufacturing plants, parking garages, entrance halls, staircases. Sealing of joints in concrete, cast plaster floors, natural stones, sewage plants, etc. CEMproof 423 is tear-resistant, resistant to chemicals and mechanical cleaning, features excellent workability and does not form bubbles during curing.

### Application

Adhesion surfaces must be dry, sound and free of dust and release agents. Compatibility with the substrate must be tested. Excellent adhesion on most common substrates.

### Technical Data

#### Density approx.

1.3 g/cm<sup>3</sup> DIN EN ISO 10563

#### Application temperature

+5 °C to +40 °C

#### Service temperature

-40 °C to +80 °C DIN 52455-4

#### Hardness shore A

Approx. 35

#### Modulus at 100 % Extension

0.6 N/mm<sup>2</sup>, at 50 % 0.4 N/mm<sup>2</sup> DIN EN 28340

### Movement accommodation

Max. 25 %

### Viscosity

Non-sagging

### Skin formation time

Approx. 1 to 2 hours

### Cure rate

Approx. 2 mm / 24 h

### Elastic recovery

>80 %

### Change in volume

Approx. -6 %

### Chemical Resistance

Resistant to diesel oil, fuel oil, limited resistance to petrol (swelling reaction possible), diluted alkalines, acids, mineral oils. Attention: Joints that are exposed to chemicals are subject to maintenance. Performance of the sealant may be limited by exposure to chemicals.

### Colour

Standard colour: Grey

Special colours on request.

### Form of Delivery / Storage

Packing 600 ml sausages, 20 sausages/box

Special packing upon request.

Store in cool and dry conditions in original packing.

Shelf life 12 months.