

Quadroseal®

Multifunctional, natural stone silicone sealant

Factsheet: Quadroseal 2209EN

Quadroseal is a durable elastic silicone sealant, suitable for various sealing purposes. Due to its excellent processing characteristics and wide scope, this sealant is the ideal product for professionals.



Applications

- In façade construction for connecting joints along metal and plastic window frames, etc.
- For sealing of marble, natural stone, brickwork, etc.
- Sealing joints in bathrooms, kitchens, saunas, etc.

Characteristics

- Non staining
- Resistant to mould growth
- Neutral cure
- No plasticizers
- Non-corrosive to metals

Specifications

- ISO11600F-20LM: Classification of Sealants for Construction
- CE Marking, EN15651-1: 2012, F-Ext-Int
- CE-Marking, EN15651-2: 2012, S

Adhesion

Excellent adhesion on glass, glazed surfaces, enamel, ceramics, metal, plastics, powder coatings, natural stone, marble and granite. If in doubt, consult primer list, conduct your own adhesion tests and/or ask for advice.

Condition of substrates

Substrates should be dry and free from dust and grease. Bituminous substrates are unsuitable. DPC, Polyethylene and Teflon do not provide adhesion.

Technical data at 20°C and 60% RV

Processing temperature:	+5°C to 30°C
Temperature resistance:	-15°C to 140°C
Density:	1,2 g/ml
Skin formation:	15 to 30 min
Shrinkage (ISO 510563):	< 3%
Hardness (DIN53505):	25 Shore-A
Curing speed 24 hours:	3 mm
Flow (ISO 7390):	nihil
E-modulus, 100% (DIN53504):	1,1 N/mm ²
Tensile strength (DIN53504):	0,40 N/mm ²
Elongation at break:	355%
Movement capability:	20%
Organic solvent:	0,00% VOC (EC)

Joint design

To prevent three-sided adhesion of the sealant and to determine joint depth insert a PU- or PE-foam backer rod. Normally widths up to 12mm = depth 6mm. For joints wider than 12mm: joint depth = width/3 + 6mm. Width x depth in mm: 5x6, 8x6, 10x6, 12x10, 15x11, 20x12, 30x16.

Maintenance

Quadroseal is a sealant resistant to mould growth and normal household cleaning agents. For a long lifespan, sanitary rooms such as bathrooms and showers should be sufficiently ventilated. Tiling together with silicone joints should be properly cleaned regularly.

How to use the product

Extrude with standard caulking gun. Prior to skin formation, smoothen sealant surface using a spatula and Bloem joint smoothening fluid. Tools and stains can be cleaned with Bloem Multicleaner Cured sealant can only be removed mechanically

Packaging

310 ml cartridges, 400 and 600 ml sausages.

Storage and shelf life

Store in a cool and dry place (5°C < 25°C.). Can be stored for at least 12 months in original packaging.

Safety measures

Keep out of reach of children. Contains 2-buta-nonoxim. May cause an allergic reaction. In general, long-term skin contact should be avoided. Aerate the workplace properly. Prevent contact with food and other consumption products until the sealant has vulcanized. After contact with eyes, flush with plenty of water and consult a doctor if necessary. When used according to its intended purpose, the vulcanized product does not pose any risk. See MSDS (material safety data sheet) for additional info.

Transportation classification

Not applicable; no special measures required.