



SUPERFLEX

Date:03/02/03

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Technical Data:

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|----------------------------|--|
| Base | Polysiloxane |
| Consistency | Stable Paste |
| Curing System | Moisture Cure |
| Skin formation | Ca. 5 min. (20°C/65% R.H.) |
| Curing Rate | 2mm/24h (20°C/65% R.H.) |
| Hardness | 25±5 Shore A |
| Shrinkage | None |
| Specific Gravity | 1,03g/mL (clear) 1,25g/mL (colours) |
| Temperature Resistance | -60°C to +180°C |
| Elastical Recovery | >80% |
| Maximum allowed Distortion | 25% |
| Elasticity Modulus 100% | 0,38N/mm ² (DIN 53504) |
| Maximum Tension | 1,60N/mm ² (DIN 53504) |
| Elongation at Break | 800% (DIN 53504) |

Product:

Superflex is a high-quality neutral, elastical one-component joint sealant based on silicones.

Characteristics:

- Very easy application
- Permanent colour, UV-resistant
- Stays elastic after curing
- Available in a wide range of colours
- Very good adhesion on many materials
- Low modulus

Applications:

Building- and construction joints
Topsealing at glazing jobs
Sealing of polycarbonate and polyacrylate panels (consult our technical services)
Joints with high movement between different building materials
Sealings between treated wood and glass
Sealings between PVC and glass

Packaging:

Colour: many colours available, consult us for details

Packaging: cartridge 310mL, sausages 310mL and 600mL, on request hobbocks 20L, and drums 200L

Shelflife:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°.

Surfaces:

Type: all usual building surfaces

State of Surface: clean, dry, free of dust and grease

Preparation: apply Primer 150 for applications on porous surfaces – no primer required for non porous surfaces. Surface Activator should be used to enhance adhesion to non porous surfaces. We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm

Maximum Width: 30mm

Minimum Depth: 5mm

Recommandation: 2 x depth = width

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.



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Application:*Method:* caulking gun*Application temperature:* +1°C to +30°C*Clean:* with white spirit immediately after use*Finish:* with soapy water before skinning*Repair:* with Silirub 2**Health- and Safety Recommendation:**

Apply the usual industrial hygiene.

Remarks:

Chemically completely neutral (pH=7).

Technical Norms/Conforms with:

- Belgium: ATG 1808 (NIT 107)
- Rapport IANESCO 3812-label alimentaire for applications in food surroundings
- France: "Mastic Elastomère 1ère cat. sans primaire sur verre, alu et béton (label SNJF)
- Gemany: DIN 18540 Teil 2 – DIN 18545 Teil 2 Dichtstoffgruppe E
- United Kingdom: BS 5889 Type A
- USA: TTS 001543a Class A

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