SEALING
Sikaflex® Precast
FLEXIBLE SEALANT FOR PRECAST AND CONCRETE JOINTS
Sikaflex® Precast

Joint dimensions and shapes in facades are subject to changes due to thermal expansion and contraction of the building units. The corresponding movements must be accommodated by the sealant in order to protect the inner parts of the building against environmental influences. The movements are either due to the size of the single building units (e.g. precast concrete elements) or the thermal expansion coefficient of different building materials and temperature variations. Additionally, structural movements may play a role as well. Sika’s flexible and long lasting sealants are able to absorb these movements and therefore ensure tight and durable joints.

Sikaflex® Precast is a 1-part, moisture curing, elastic joint sealant suitable for movement joints and connection joints in:

- Concrete and precast façades
- Masonry and block work
- GRC & GRP joints
- Roof joints & terminations

APPROVALS & STANDARDS

- ASTM C920, class 25
- Passes LEED EQc 4.1
Sikaflex® Precast is based on 1 part, moisture curing polyurethane technology. This new moisture-curing technology and the latest production methods allow the formulation of sealants with best properties.

**BEST APPLICATION PROPERTIES**

**KEY PROPERTIES**
- Easy to extrude
- Good workability
- Easy to smooth
- Non sag
- Good adhesion to many substrates
- Solvent free
- Over paintable

**YOUR BENEFITS**
- Faster application
- Higher quality of workmanship
- No disturbing odours from solvents or any ingredients

**BEST PROPERTIES FOR JOINT DESIGN**

**KEY PROPERTIES**
- Uniform product quality
- Conforms to ASTM C 920, class 25
- Low VOC content

**YOUR BENEFITS**
- Safety in calculation and design
- Ensures that specs and technical requirements are met
- No risk of complaints from residents due to emissions and odours

**BEST PROPERTIES FOR LONG LASTING JOINTS**

**KEY PROPERTIES**
- Very good weathering and ageing resistance
- Unique bubble free curing mechanism
- Movement capability ±25% (ASTM C 719)
- Concrete like & matt appearance

**YOUR BENEFITS**
- Long lasting construction with less maintenance costs
- Durable sealant with no flaws and bubbles due to unfavourable curing
- Less risk of failures and leakages due to proven movement capability
- Inconspicuous joints due to concrete-like surface appearance

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**Product Information**

<table>
<thead>
<tr>
<th>Packaging</th>
<th>600 ml foil pack, 20 foil packs per box</th>
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<tbody>
<tr>
<td>Shelf life</td>
<td>12 months (storage between +5°C and +25°C)</td>
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<tr>
<td>Colours</td>
<td>White, concrete grey, beige,</td>
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<tr>
<td>Sag flow</td>
<td>&lt; 3 mm (20 mm profile, 50°C) (ISO 7390)</td>
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<tr>
<td>Movement capability</td>
<td>±25% (ISO 9047), ±25% (ASTM C719)</td>
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<tr>
<td>Elongation at break</td>
<td>300% (ISO 37)</td>
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<tr>
<td>Application temperature</td>
<td>+5°C and +50°C</td>
</tr>
<tr>
<td>Surface Preparation</td>
<td>Sika® Primer-3 N for porous substrates, e.g. concrete, mortar, masonry, plaster. (Flash off time: min. 30 minutes). Primers are only adhesion promoters. They are not substitutes for cleaning the surface nor can they improve the strength of the substrate significantly. For further information see Pre-treatment chart Sealing &amp; Bonding. For clean, dry and sound substrates.</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-40°C and +70°C</td>
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SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:

WATERPROOFING
CONCRETE
REFURBISHMENT
SEALING AND BONDING
FLOORING
ROOFING

FOR SIKA GCC INFORMATION:
gcc.sika.com

WHO WE ARE
Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika’s product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply. Please consult the Data Sheet prior to any use and processing.

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