Sikaflex®-208
Elastic flooring adhesive

Technical Product Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical base</td>
<td>1-C polyurethane</td>
</tr>
<tr>
<td>Colour (CQP) 001-1</td>
<td>Pale brown</td>
</tr>
<tr>
<td>Cure mechanism</td>
<td>Moisture-curing</td>
</tr>
<tr>
<td>Density (uncured) (CQP 006-4)</td>
<td>1.36 kg/l approx.</td>
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<tr>
<td>Application temperature</td>
<td>5 - 35°C</td>
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<tr>
<td>Skin time (CQP 019-1)</td>
<td>40 min. approx.</td>
</tr>
<tr>
<td>Curing speed (CQP 049-1)</td>
<td>4 mm approx. in the first 24 h</td>
</tr>
<tr>
<td>Shore A hardness (CQP 023-1 / ISO 868)</td>
<td>35 approx.</td>
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<tr>
<td>Tensile strength (CQP 036-1 / ISO 37)</td>
<td>1 N/mm² approx.</td>
</tr>
<tr>
<td>Elongation at break (CQP 036-1 / ISO 37)</td>
<td>400% approx.</td>
</tr>
<tr>
<td>Tear propagation resistance (CQP 045-1 / ISO 34)</td>
<td>5 N/mm approx.</td>
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<tr>
<td>Tensile lap-shear strength (CQP 046-7)</td>
<td>1 N/mm² approx.</td>
</tr>
<tr>
<td>Service temperature (CQP 513-1)</td>
<td>-20 - 60°C</td>
</tr>
<tr>
<td>Shelf life (storage below 25°C) (CQP 016-1)</td>
<td>9 months</td>
</tr>
</tbody>
</table>

1) CQP = Corporate Quality Procedure
2) 23°C / 50% r.h.

Description
Sikaflex®-208 is a one-component polyurethane adhesive that cures on exposure to atmospheric moisture to form a durable elastomer. Sikaflex®-208 meets the VOC content specification for flooring adhesives, set by the Green Building Council of Australia (GBCA). Sikaflex®-208 is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Product Benefits
- Low odour
- Low VOC content
- Easy to use – no mixing required
- Easy to trowel
- Fast-curing
- Highly elastic
- Excellent sound dampening properties

Areas of Application
Sikaflex®-208 is an elastic adhesive suitable for bonding many rubber, timber and other flooring materials to sub-floor surfaces such as concrete, timber and metal. This product is suitable for professional experienced users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.
Cure Mechanism
Sikaflex®-208 cures by reaction with atmospheric moisture, which may be drawn from the surrounding air, from porous substrates, or from spraying with a fine water mist (approx. 10 g of water per m² of bond face). At low temperatures the water content of the air is generally lower and the curing reaction proceeds more slowly.

Chemical Resistance
Sikaflex®-208 is resistant to fresh water, seawater, diluted acids and diluted caustic solutions; temporarily resistant to fuels, animal fats and oils; not resistant to organic acids and caustic solutions or solvents.

The above information is offered for general guidance only. Advice on specific applications will be given on request.

Method of Application
Surface preparation
Surfaces must be clean, dry and free from oil and dust.
Advice on specific applications is available from the Technical Service Department of Sika Industry.

Application
Remove lid off pail and cut open foil liner. Once opened, the entire contents of the pail should be used within a relatively short space of time.
Do not apply at temperatures below 5°C or above 35°C. The optimum temperature for substrate and adhesive is between 15°C and 25°C.
The adhesive is to be applied over large surface areas with a notched spreader (notch depth approx. 3 - 6 mm). Coverage varies between 600 - 1200 ml/m². When bonding materials impervious to moisture or when an accelerated rate of cure is required, a water aerosol has to be applied shortly before joining the components (use a spray-bottle or spray gun to apply approx. 10 g water per m²).

Avoid air entrapment when making the bond. Apply firm pressure when joining components together. For flexible flooring materials, apply a heavy roller to ensure proper contact. For rigid materials, maintain pressure for at least 3 hours until the adhesive has set.

Removal
Uncured Sikaflex®-208 may be removed from tools and equipment with Sika® Remover-208 or another suitable solvent. Once cured, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using Sika® Handclean Towel or a suitable industrial hand cleaner and water. Do not use solvents!

Further Information
Copies of the following publications are available on request:
- Safety Data Sheets
- Sikaflex® Pre-treatment Chart
- General Guidelines - Bonding and Sealing with Sikaflex®

Packaging Information
| Pail   | 16 kg |

Value Bases
All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

Health and Safety Information
For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

Legal Notes
The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.