

## PRODUCT DATA SHEET

# SikaSeal® Mould Resistant Caulk +

For low movement construction joints, sealing framework and general building uses

## PRODUCT DESCRIPTION

SikaSeal® Mould Resistant Caulk + is a high-quality, permanently flexible caulk and sealant suitable for a wide range of applications. Its mould-resistant formulation delivers a clean, durable finish without the need for sanding. Ideal for sealing joints and gaps, it adheres to most common construction materials including timber, plaster, brick, stone, PVCu, and concrete. Once cured, it can be overpainted with most paint types or wallpapered for a seamless result.

## USES

- Sealing around timber & metal frames internally and externally.
- Sealing internally around PVCu frames and trims.
- Sealing cracks & gaps in brickwork, stone and concrete.
- Gap & crack filler around skirting boards, dado rails. Plaster etc.

- Low movement construction joints.
- An adhesive for bonding polystyrene coving and tiles.
- An adhesive for bonding cork tiles and wood block flooring.
- Gap and crack filler prior to decorating.
- Sealing around baths and basins.

## CHARACTERISTICS / ADVANTAGES

- Permanently flexible.
- Adheres to most surfaces.
- Mould resistant.
- Overpaintable.
- Easy clean up.
- Slump resistant - no slump according to ISO7390

## APPROVALS / STANDARDS

Certified under the harmonized European (designated UK) standard EN15651 for façade and sanitary applications in compliance with the Construction Product Regulations.

## PRODUCT INFORMATION

Chemical Base	Ready to use thixotropic paste
Packaging	300 ml cartridge
Colour	White
Shelf Life	Up to 36 months when unopened and stored in accordance with storage conditions.
Storage Conditions	Store in cool dry conditions and protect from frost. Keep product stored between +5 °C to +25 °C.
Density	1.67 - 1.71 g/cm <sup>3</sup>
Solid Content	80 - 84 %
Viscosity	c. 250,000 cps
Shore A Hardness	c. 40

<b>Movement Capability</b>	±7.5 % EN15651-1:2012
<b>Chemical Resistance</b>	Dilute Acids - Fair Dilute Alkaline - Fair Aliphatic Hydrocarbons - Poor Aromatic Hydrocarbons - Poor
<b>Service Temperature</b>	-15 °C to +75 °C
<b>Elongation at break</b>	>100% ISO8339
<b>Consumption</b>	~ 10.5 linear metres with 6 mm beads
<b>Ambient Air Temperature</b>	+4 °C to +40 °C
<b>Substrate Temperature</b>	+4 °C to +40 °C
<b>Curing Time</b>	Full cure from 3 to 5 days, dependent on thickness, ambient temperature and humidity.
<b>Tack Free Time</b>	15 to 60 mins, dependent on thickness, ambient temperature and humidity.

## VALUE BASE

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.

## LIMITATIONS

- Should not be used in conditions of continuous immersion, below ground level, in areas of high abrasion (e.g. floor joints).
- Protect from water for a minimum of 24 hours after application. Note that damp or humid conditions will significantly extend the cure time. Do not expose to water until fully cured. If a quicker cure is required, use SikaSeal® Construction Silicone (6 hour cure).
- Not for use in conjunction with bitumen or asphalt.
- Do not attempt to abrade when cured.
- Do not use around shower trays; use SikaSeal® Construction Silicone for greater movement requirements.
- Do not overpaint until a surface skin has formed. Overpainting is not necessary, but is recommended for external applications.
- Note: this product is flexible. Certain poor quality paints (especially certain vinyl matts) have very little movement in the dry film. It is possible for the dry paint film to crack if movement is excessive.

## ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Highly porous substrates such as new plaster should first be primed with the appropriate Sika PVA diluted 1:4 with water. This product can be applied to slightly damp, but not wet surfaces.

### APPLICATION METHOD / TOOLS

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45 ° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 20 minutes of application using a wetted spatula, piece of wood or wetted gloved finger. Care should be taken at this point not to saturate the surface as this will delay drying. Any excess sealant etc., can be removed using a sponge and warm water. Can be over-painted after approximately 1 hour. For best results, over-paint for external applications.

## Joint Design

Minimum width: 6 mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

- The joint depth should be no less than 5 mm.
- Joint depth should be 5 mm for joints up to 10 mm wide.
- Joints of 10 - 20 mm in width should have a minimum depth of half the width. This should increase to a minimum depth of 10 mm for wider joints.
- For deep joints, reduce depth by using Expanding Foam or a suitable joint backer rod.
- All joints should be designed so that the seal is placed in a position which does not retain water or form a water trap. Triangular fillets should be no less than 12 mm across the face and should be finished with a flat or convex face.

## CLEANING OF TOOLS

Clean up with water or Sika® Wonder Wipes

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## 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.

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### Product Data Sheet

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