

PRODUCT DATA SHEET

SikaSeal[®]-140 Multi Purpose Silicone

A MULTI-PURPOSE ACETOXY CURE SILICONE SEALANT

PRODUCT DESCRIPTION

SIKASEAL[®]-140 MULTI PURPOSE SILICONE is an acetoxy cure silicone sealant that cures quickly to provide a permanently flexible, high strength waterproof seal. It contains a fungicide to prevent in product mould growth.

USES

- Sealing around baths, showers, basins and other sanitary ware.
- As an adhesive for fixing uPVC trims, cladding and panels.
- Sealing around worktops and laminates.
- For aluminium gutter sealing.
- General draught proofing.

CHARACTERISTICS / ADVANTAGES

- Permanently flexible.
- Anti-fungal formula - prevents mould growth.
- Quick curing - low dirt pick up.
- Low viscosity for fast application.
- Certified under the harmonized European standard EN15651 for façade, cold climate and sanitary applications in compliance with the Construction Product Regulation.
- Suitable for interior and exterior use.

PRODUCT INFORMATION

Packaging	300 ml Plastic Cartridge
Shelf Life	24 months from date of manufacture
Storage Conditions	Store in original unopened containers between +5 and +25 °C
Colour	White, Clear
Shore A Hardness	15-25
Tensile Strength	1.5 MPa DIN53504
Elongation at break	>400 % DIN53504
Service Temperature	-30 °C to +150 °C
Joint width	Max: 25 mm / Min: 4 mm
Consumption	Approximately 10.5 linear metres for a 6 mm diameter bead.
Curing Rate	ca. 2 mm per 24 hours (23 °C and 50 % r.h.)
Skin Time	15 mins @ +20 °C

VALUE BASE

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

LIMITATIONS

- Not for use in aquarium manufacture.
- Not for use in conjunction with bitumen, or asphalt.
- Not for use on highly porous surfaces such as new concrete or stonework. Priming is advised or use of Sika® Plastix 22A.
- Not for use on substrates that may bleed oils, solvent or plasticisers.
- Do not use in the vicinity of, or in conjunction with the edge sealant of double glazed units. Use Sika® Plastix 22A.
- Do not use for perimeter pointing of upvc. Use Sika® Plastix 22A.
- Do not use on soft metals such as lead and brass. Use Sika® Plastix 22A.
- Not over paintable.

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

The surfaces to be must be clean, dry and free from dust, grease and other contaminants. Improve adhesion by wiping surface with PVC CLEANER (pvc), GLASS CLEANER (glass) or white spirits (painted surfaces). Priming is generally not required, although we always advise testing small areas prior to use.

Joint design should be as follows:

Minimum width: 4 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:

1. The joint depth should be no less than 4 mm.
2. Joint depth should be 5 mm for joints up to 10 mm wide.
3. Joints above 10 mm in width should be half the width in depth up to 20 mm and minimum 10 mm for wider joints.

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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.

APPLICATION

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut 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 trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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.