

SIKASEAL®-140 MULTI PURPOSE SILICONE

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.

Benefits

- 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

Areas For Use

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

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 SIKASEAL®-146 BUILDING SILICONE
- 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 SIKASEAL®-146 BUILDING SILICONE
- Do not use for perimeter pointing of upvc. Use SIKASEAL®-146 BUILDING SILICONE.
- Do not use on soft metals such as lead and brass.
- Not over paintable.

Surface 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: 6mm. 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 5mm
2. Joint depth should be 5mm for joints up to 10mm wide

3. Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints

For deep joints, reduce depth by using SIKABOOM 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 12mm 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.

Specific Data

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| Movement accommodation | + or -12.5% EN15651-1 |
| Skinning time | 5 mins @ 20°C |
| Cure time | 2mm per 24 hours |
| Hardness (Shore A) | 15-25 |
| Application Temp. Resistance | +5°C to +40°C |
| Service Temp. Resistance | -30°C to +150°C |
| Tensile strength | 1.5 MPa DIN53504 |
| Stress | 0.2MPa at 100% elongation DIN53504 |
| Specific gravity | ~1.00 g/cm ³ |
| Cleaning | Uncured sealant: white spirit; Cured sealant: EVERFLEX SILICONE EATER |
| Minimum joint width | 4mm |
| Maximum joint width | 25mm |
| Joint ratio | Maximum depth 50% of joint width |
| Coverage | @ 10 linear metres 9 x 9 mm fillet joint |
| Elongation at break | >400% DIN53504 |
| Movement accommodation | + or -12.5% EN15651-1 |
| Skinning time | 5 mins @ 20°C |

Health & Safety

Consult MSDS for full list of hazards

Storage

Store in original unopened containers between 15 and 30°C

Shelf Life

24 months white from date of manufacture



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