

GENERAL PURPOSE SILICONE

| Colour | Product Code | Pack Size | Box Qty |
|--------|--------------|-----------|---------|
| WHITE | GPSWE | C3 | 12/25 |
| CLEAR | GPSTR | C3 | 12/25 |
| BROWN | GPSBN | C3 | 12/25 |
| BLACK | GPSBK | C3 | 12/25 |
| GREY | GPSGY | C3 | 12/25 |

Product Description

EVERBUILD GENERAL PURPOSE SILICONE is a Multi-Purpose acetoxycure 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. Use EVERFLEX AQUAMATE.
- Not for use in conjunction with bitumen, or asphalt. Use WEATHERMATE..
- Not for use on highly porous surfaces such as new concrete or stonework. Priming is advised or use SILICONE 450.
- 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 SILICONE 450.
- Do not use for perimeter pointing of upvc. Use SILICONE HM60 or SILICONE 450.
- Do not use on soft metals such as lead and brass. Use LEADMATE SILICONE.
- Non overpaintable.

Surface Preparation

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion. Porous surfaces may require priming - a small area should be tested first.

Application

Reference should be made to the recommended joint ratios. If necessary reduce joint depth using FILL AND FIX EXPANDING FOAM, or Joint backer rod. Furthermore, ensure that the joint design only permits adhesion to two surfaces, as three sided adhesion will impair flexibility.

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 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood wetted with a soap and water solution. An improved appearance can be achieved by placing masking tape to both sides of the joint and removing within 5 minutes of application.

Specific Data

| | |
|-------------------------------------|---|
| 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 |

Health & Safety

Consult MSDS for full list of hazards

Storage

Store in cool dry conditions between + 5°C and 25°C

Shelf Life

24 months in original unopened containers.

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