## SLMG- GREY NEUTRAL PURE SILICONE

Description:
A neutral cure, silicone sealant, exclusively created for weather sealing and glazing application. It forms highly resistive weatherproof seal on windows and building facades.


## FEATURES & BENEFITS

- Provides permanent elasticity
- Not affected by exposure to sunlight, rain, snow and maintains it over many years,
- Exceptional resistance to temperature extremes,
- Very low odor and noncorrosive
- Excellent flexibility and adhesion to numerous porous and non-porous
- Substrates for large scale construction and glazing applications.
- Fast curing, low modulus, high elasticity.
- High viscosity non slump formula.

## APPLICATION AREAS

- Weather sealing and joint sealing for walls, windows and doors.
- Sealing and mounting the window and door frames,
- Sealing applications of marble, stone and other porous substrates,

## INSTRUCTIONS

• Ensure that surfaces to be sealed are clean, dry and grease free.
• The application temperature must be between +5°C and +40°C.
• In order to reduce the deformations of the joints, their depth must be much less than their width, minimum dimensions are 5x5 mm, for wider
joints the depth should be preferably half of the width and it is adjusted by the use of a backup material.
• After the application, the sealant must be tooled with light pressure within 5 minutes to spread the material against the joint surfaces and to obtain a professional finish.
• Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
• Recommended joint widths are >10 mm and < 35 mm.
• Joint width and depth ratio should be about 2:1.

### Consumption (approx.)

| Joint Width | 10mm | 15mm | 20mm |
|---|---|---|---|
| Joint Depth | 6mm | 8mm | 10mm |
| Efficieny/310 ml | 5 metres | 2.5 metres | 1.5 metres |

### Surface Preparation

| | |
|---|---|
| Glass | Degrease with alcohol or MEK |
| Aluminium, light alloys and stainless steel | Degrease with alcohol or MEK |
| Other Metals | Lightly abrade then degrease as above |
| Wood | Lightly abrade surface then remove dust |
| Plastics | Degrease using an agent recommended by plastics manufacturer |
| Concrete and other alkaline Surfaces | Brush and remove dust |

## STANDARDS

Meets or exceeds the requirements of the following specifications:

• CE marked for EN 15651 for façade applications.

## RESTRICTIONS

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.
- It is not suitable for food contact applications.
- Do not use to produce swimming pool joints.
- Can yellow if exposed to bleach or HCL based brick cleaners whilst curing.

## STORAGE AND SHELF LIFE

The shelf life is 15 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

## SAFETY & DISPOSAL

Inhalation of the sealant vapor for a long period must be avoided. The application area must be ventilated properly. The uncured sealant must not be contacted for a long period. Cured silicone rubber bears no risk to health. Check MSDS guidelines for disposal and further information concerning safety.

## PROPERTIES

| | | |
|---|---|---|
| **Basis** | : Silicone Polymer(Oxime) | |
| **Curing System** | : Neutral | |
| **Density (Transparent and Aluminum)** | : 0,98± 0.03 g/ml | (ASTM D 792) |
| **Density (Other Colors)** | : 1,30± 0.03 g/ml | (ASTM D 792) |
| **Hardness Shore A (Transparent and Aluminum)** | : 25-30 (after 28 days) | |
| **Hardness Shore A (Other Colors)** | : 30-35 (after 28 days) | |
| **Tensile Strength** | : ≤ 0,4 N/mm2 (23°C and 50% R.H) | (ISO 8339) |
| **Skin formation** | : 5-10 min. (23°C and 50% R.H) | |
| **Curing Rate** | : Min. 3 mm/day (23°C and 50% R.H) | |
| **Elongation At Break (Transparent and Aluminum)** | : ≥ 300% | (ASTM D412) |
| **Elongation At Break (Other Colors)** | : ≥ 250% | |
| **Elastic Recovery** | : Approx. 100% | (ISO 7389) |
| **Sagging** | : 0 mm | (ISO 7390) |
| **Temperature Resistance** | : -60°C to +180°C | |
| **Application Temperature** | : +5°C to +40°C | |

Deligo Ltd. 2019 - This document is provided to the public for information purposes only and is subjected to change without notice. Deligo Ltd make no promise of the document keeping the information contained within.