Yeşilbayır Mah. Şimşir Sk. No: 20 Hadımköy - İstanbul/TÜRKİYE Tel: 0212 771 13 71 (pbx) Fax: 0212 771 49 39 www.proloc.com.tr - info@proloc.com.tr

P.24 100% SILICONE

1 – DESCRIPTION

P.24 is a acetoxy cure, high performance, mold-proof silicone sealant designed for gap filling and sealing in a wide range of use. It combines the advantages of outstanding adhesion to glass, marble, granite, mirror etc. and non-corrosive, odorless curing.

2 – PROPERTIES

- 100% Silicone, solventless
- One component, moisture-cured
- Highly Resistive to mold formation
- Excellent primer less adhesion to numerous porous and non-porous substrates
- Excellent weather ability in direct sunlight, rain, snow and ozone
- Resistant to temperature extremes (-60 °C to +180 °C)
- Fast curing
- Low modulus, high elasticity
- Outstanding resistance to mildew and fungus.
- Does not crack or discolor.
- Withstands detergents, cleaning agents and chemicals.
- Acetoxy curing system.
- **Conforms to the requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.**

3 –APPLICATION AREAS

- Sealing of connection joints
- Weather seal applications
- Glazing works
- Sanitary joints: Sealing applications in kitchens and bathrooms

4 - 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.

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- Excess uncured sealant may be cleaned with solvent. Cured sealant can be removed barely mechanically.
- 6 mm. joint depth is recommended for joint widths between 6 mm to 12 mm

Consumption (approx.)

Joint Width	6mm	9mm	12 mm
Joint Depth	6mm	6mm	6 mm
Efficiency /310 ml	8 meters	6 meters	4 meters

5- PACKAGING

Product	Volume	Package
White / Transparent	280ml	24

6- STORAGE AND SHELF LIFE

- The shelf life is 18 months if stored in unopened-original package at room temperature.

7- RESTRICTIONS

- It should not be applied on frost and wet surfaces.
- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Releases acetic acid during curing. Therefore, it must not be used on mirrors and sensitive metals such as copper, brass and lead.
- It's not paintable.
- It should not be used for aquariums.
- Prolonged exposure to direct sunlight must be avoided because of discoloring.
- It should not be used on porous surfaces such as stone, concrete, marble or granite

8- SAFETY

Inhalation of the sealant vapour for long periods must be avoided due to acetoxy curing system. The application area must be ventilated properly. The uncured sealant must not be contacted for long periods. Cured silicone rubber bears no risk to health.

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9- TECHNICAL PROPERTIES

Basis	: Silicone Polymer	
Curing System	: Acetoxy	
Density	: 1.02 ± 0.03 g/ml	(ASTM D 792)
Hardness Shore A	: 24-30 (after 28 days)	
Tensile Strength	: ≤ 0,4 N/mm²	(ISO 8339)
Skin formation	: 7-13 min. (23°C and 50% R.H)	
Curing Rate	: Min. 3 mm/day (23°C and 50% R.H)	
Elongation At Break	: ≥ 250%	(ASTM D 412)
Elastic Recovery	: Approx.100%	(ISO 7389)
Sagging	: 0 mm	(ISO 7390)
Change in volume	: < 5%	(ISO 10563)
Temperature Resistance	: -50°C to +200°C	
Application Temperature	: +5°C to +40°C	