

SILICONIZED ACRYLIC SEALANT

1 – DESCRIPTION

Siliconized Acrylic Sealant is one-component general purpose acrylic-dispersion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

2 – PROPERTIES

- Permanently elastic after cure
- Can be used on all porous surfaces such as brick, concrete wood etc.
- Very easy to apply and clean
- Water-proof after curing
- Resistant to weathering such as rain, snow and sunlight
- Solvent-free
- Over paintable
- No odour

3 - APPLICATIONS

- Sealing of low and medium movement joints between various construction materials (wood, concrete, brick etc.)
- Sealing joints between windows, walls, doors etc.
- Filling cracks in walls and on ceilings.

4 - INSTRUCTIONS

The joints must be clean and free from dust, grease and rust. No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster a primer (mixture of one part acrylic sealant and 4-5 parts of water) can be applied. Min/max joint width must be 5mm/25mm. The recommended joint depth/width ratio is 1 to 2. Application temperature is between +5 °C and +50 °C. Immediately after the application, smooth the sealant at once with wet finger or a wet tool. Excess sealant can be removed by a wet cloth. Keep the sealed joint dry at least for two hours. Cured sealant can be removed mechanically.

5- PACKAGING

Product	Volume	Package
White	310ml	24

6- STORAGE AND SHELF LIFE

15 months if stored properly.

7- RESTRICTIONS

- Should not be used for sealing joints permanently exposed to water.

- It should not be applied in case of risk of rain or frost

8- TECHNICAL PROPERTIES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7-9
Specific gravity	: $1,70 \pm 0,03 \text{ gr/cm}^3$ (ISO 1183)
Tack-Free time	: $50 \pm 20 \text{ min}$ (23 °C and 50% R.H) (ASTM C679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40 – 70 Shore A (ISO 868)
Ultimate elongation	: ≥ 200 (DIN 53504)
Max. tensile strength	: $>0,01 \text{ (Mpa/mm}^2 \text{)}$ (ISO 8339)
Temperature resistance	: -10 °C to +80 °C
Application Temperature	: +5 °C to +40 °C