

ACRYLIC SEALANT

1 – DESCRIPTION

Acrylic sealant is one-component universal acrylic sealant suitable for filling cracks and joints both indoors and outdoors. It's a cost-effective plastic-elastic sealant ideal for particularly static joints.

2 – PROPERTIES

- Over paintable
- 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
- Does not contain any solvents
- No odour

3 - APPLICATIONS

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

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 +40 °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- STORAGE AND SHELF LIFE

15 months if stored properly.

6- RESTRICTIONS

- Acrylic sealant should not be used for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.
- Acrylic sealant is not elastic; therefore it must not be used in expansion joints.
- It can be painted barely with paints that are sufficiently elastic.

7- PACKAGING

Product	Volume	Package
White	310ml	24
Black	310ml	24
Brown	310ml	24
Red	310ml	24
Grey	310ml	24
Morello Color	310ml	24
Mahogany	310ml	24
Golden Oak	310ml	24
Beige	310ml	24
White/Sausage	400ml	24
White/Sausage	600ml	24

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	: ≥ 100 (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