

SpECseal Acrylic

SINGLE COMPONENT ACRYLIC SEALANT

DESCRIPTION

SpECseal Acrylic is a single component universal acrylic sealant.

TYPICAL USES

SpECseal Acrylic can be used on all porous surfaces such as brick, concrete, wood, etc., and suitable for filling cracks and joints both indoors and outdoors. It is a cost effective plastic-elastic sealant ideal for particularly static joints.

ADVANTAGES

- Overpaintable
- Very easy to apply and clean
- Waterproof after curing
- Resistant to weathering such as rain, snow and sunlight
- Solvent-free
- No odour

TECHNICAL DATA

Basis	Acrylic dispersion
Specific gravity	1.70±0.02 g/cm ³
Curing rate	1 - 2 mm/day (23°C and 50% R.H.)
Tack-Free Time	60±20 min (23°C and 50% R.H.)
Temperature resistance	10 to +80°C
Joint Movement	7.5%
Shore "A" Hardness (DIN 53505/ISO 868)	30
Density (ISO 1183-1)	1.71 g/ml
Tensile Strength (DIN 53504 S2)	0.3 N/mm ³

APPLICATION

Surface preparation

The joint must be clean and free from dust, grease and rust.

Priming

No primer is required for non-porous surfaces. On porous surfaces such as concrete, stone, cement and plaster, a primer (mixture of one part of 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 1:2. 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.

Application

- 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.

APPLICATION TEMPERATURE RANGE

Minimum	+5°C
Maximum	+40°C

EQUIPMENT CLEANING

Cured sealant can be removed mechanically.

STORAGE & SHELF LIFE

SpECseal Acrylic has a shelf-life of 15 months if stored properly.

RESTRICTIONS

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

HEALTH & SAFETY

SpECseal Acrylic should not come into contact with skin or eyes or be swallowed.

Wear suitable protective gloves, eye / face protection and overalls. If in contact with eyes rinse with clean water and seek medical advice.

If swallowed, DO NOT induce vomiting, seek medical attention immediately.

Avoid inhalation. Ensure adequate ventilation in confined areas.

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