



AC578

SANITARY BATH & KITCHEN ACRYLIC SEALANT

Akfix AC578 is a one-component high quality acrylic sealant designed for sanitary applications where constant exposure to moisture is inevitable. Its mold-proof and water resistant properties make it an ideal choice for sealing connection joints between varieties of substrates in wet areas.

FEATURES & BENEFITS

- **Mold & mildew proof,**
- **Flexible & crack proof,**
- **Water based & Non-toxic,**
- **Very low VOC content,**
- **Water-proof after curing,**
- Over paintable,
- Very easy to apply and clean,
- Can be used on all porous surfaces such as brick, concrete, wood etc.
- No odour.

APPLICATION AREAS

- **Sealing joints in areas exposed to moisture and water vapor such as bathrooms, kitchens and warehouses.**
- **Internal sealing around Pvc window and door frames when there is a risk for mold growth.**
- **Sealing around baths, sanitary ware, basins and ceramics.**
- **Application in clean rooms and hospital environments.**
- **Suitable for joints around swimming pools.**
- **Sealing around sanitary fittings in domestic and municipal applications.**
- **Suitable for shower rooms in sports halls or leisure facilities.**

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.

Water borne
Mold proof



- 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 +35 °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.

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

Consumption (approx.)

Joint Width	5mm	10mm	15 mm	20 mm	25 mm
Joint Depth	3mm	5mm	8 mm	10 mm	12 mm
Efficiency /310 ml	20 meters	6 meters	2,5 meters	1.50 meters	1 meters

STANDARDS

Meets or exceeds the requirements of the following specifications:

- CE marked for EN 15651 for façade.
- The requirements of VOC content specifications in LEED credit EQc4.1 “Low-emitting products” of SCAQMD rule 1168.

RESTRICTIONS;

- Should not be applied for sealing joints permanently exposed to water.
- It should not be applied in case of risk of rain or frost.

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

Bears no imminent risk to health. Check MSDS guidelines for disposal and further information concerning safety.

PROPERTIES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: 1,54 ± 0,03 gr/cm ³ (ASTM D 792)
Tack-Free time	: 10-30 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 30-50 Shore A
Weight loss	: %20 ±2
Volume loss	: < 25%
Resistance to flow	: 0 mm
Elongation	: >%350
Microbial Growth	: 0 (ISO 846 Method B)
Modulus 100 % elongation	: ≥0,20 N/mm ²
Max. tensile strength	: ≥ 0,40 N/mm ²
Temperature Resistance	: -10 °C to +35 °C
Application Temperature	: +5 °C to +35 °C

PRODUCT

Product Type	Volume	Package
White/Grey	310ml	12
Grey, White (Sausage)	610ml	12

DISCLAIMER

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