



# AC603

## ACRYLIC CLEAR SEAL

Akfix AC603 is a plasto-elastic acrylic adhesive and sealant that becomes crystal clear upon curing.

### FEATURES & BENEFITS

- **Becomes transparent when cured,**
- **Very low VOC content,**
- **Water-proof after curing,**
- Can be used on all porous surfaces such as brick, concrete, wood etc.
- Easy to apply.
- Cleans up with water
- Paintable after curing
- Dries clear in 7-14 days depending on the thickness of the bead, humidity, temperature and surface applied



### APPLICATION AREAS

- **Suitable for sealing applications in bathroom and kitchen.**
- **Can be used as an adhesive for wood, bricks, concrete etc.**

### 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 +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.

Crystal Clear  
upon Curing



### 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:

- The French VOC requirements for class A+
- 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.
- Curing time will slow down at low temperatures and high humidity
- Protect the cartridge from freezing

### STORAGE AND SHELF LIFE;

The shelf life is 18 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

<b>Basis</b>	: Acrylic Dispersion	
<b>Consistency</b>	: Smooth paste	
<b>pH</b>	: 7,5-9	
<b>Specific gravity</b>	: 1,05 ± 0,03 gr/cm <sup>3</sup>	(ASTM D 792)
<b>Skin formation time</b>	: 15-30 min (23 °C and 50% R.H)	(ASTM C 679)
<b>Curing Rate (mm/day)</b>	: Approx. 2 mm/day (23 °C and 50% R.H)	
<b>Solid Content</b>	: Min. 52%	
<b>Shore A hardness</b>	: 40-70 Shore A	
<b>Elongation</b>	: >%600	ASTM D 412
<b>Modulus 100 % elongation</b>	: ≥0,30 Mpa	
<b>Tensile strength</b>	: ≥ 0,50 Mpa	ASTM D 412
<b>Temperature resistance</b>	: -10 °C to +80 °C	
<b>Application Temperature</b>	: +5 °C to +35 °C	

## PRODUCT

Product Type	Volume	Package
Transparent	310ml	12

## DISCLAIMER

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