



AC585

HIGH PERFORMANCE SEALANT

Akfix AC585 is a one-component, premium quality acrylic based sealer. It is suitable for sealing low movement joints between construction materials such as brick, concrete, wood, drywalls and plasterboards, etc.

FEATURES & BENEFITS

- Permanently flexible, crack proof.
- Easy tooling and water clean-up.
- Very low VOC content.
- Interior/exterior use.
- Sandable.
- Non-sag.
- Paintable.
- Water-proof after curing.

Premium
Acrylic Sealer

APPLICATION AREAS

- Filling low movement joints between various construction substrates such as brick, concrete, wood, drywalls and plaster etc,
- Filling cracks in walls, plasters and on ceilings,
- Sealing corner joints and cornices,
- Sealing window and door frames
- Sealing gaps in skirting boards and staircases

INSTRUCTIONS

- Ensure that surfaces to be sealed are clean, dry and grease free.
- The application temperature must be between +5°C (41°F) and +40°C (104°F).
- 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.
- In order to reduce the deformations of the joints, their depth must be much less than their width, Min/max joint width must be 5 mm / 25 mm. Immediately after the application, smooth the sealant at once with wet finger or a wet tool.
- Excess uncured sealant may be cleaned with wet cloth. Cured sealant can be removed barely mechanically.
- Joint width and depth ratio should be preferably 2:1.



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
Elongation	: >%350
Modulus 100 % elongation	: ≥0,20 N/mm ²
Max. tensile strength	: ≥ 0,40 N/mm ²
Application Temperature	: +5 °C to +35 °C

PRODUCT

Product Type	Volume	Package
White/Black/Grey/Brown	310ml	24
White/Black/Grey/Brown (Sausage)	600ml	12

DISCLAIMER

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