



FIRESTOP ACRYLIC SEALANT

1 – DESCRIPTION

Firestop Acrylic Sealant is water-borne intumescent acrylic sealant.

2 – PROPERTIES

- More than 4 hours of fire resistance without using any backfilling materials in certain conditions
- M1 Fire Rating according to NF P 92-501 radiation test
- Good unprimed adhesion to most common construction substrates.
- Easy to apply
- Remains flexible
- Paintable
- Non-slump

3 - APPLICATIONS

- Walls and floors expansion joints
- Panel joints for insulation purposes and similar materials
- Wood, steel and PVC joinery for isolation
- Decorative joints
- Steel channels, canal boats, for the sealing of cables and cable ducts
- For indoor applications that require fire resistance
- In order to fill in areas where fire resistance applications
- All joints in buildings that require fire resistance
- Fire resistance up to 15% of the desired elasticity of joints shows.

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 +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.



Consumption (approx.)

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

5- PACKAGING

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

6- STORAGE AND SHELF LIFE

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

7- RESTRICTIONS

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



8- TECHNICAL PROPERTIES

Basis	: Acrylic Dispersion
Consistency	: Smooth paste
pH	: 7,5-9
Specific gravity	: 1,58 ± 0,03 gr/cm ³ (ASTM D 792)
Tack-Free time	: 15-30 min (23 °C and 50% R.H) (ASTM C 679)
Curing Rate (mm/day)	: Min.2 mm/day (23 °C and 50% R.H)
Shore A hardness	: 40 ± 5 Shore A
Volume shrinkage	: %10-15 (ASTM D 412)
Weight loss	: %18
Elongation	: >%100
Tensile strength	: ≥ 0,40 N/mm ²
Application Temperature	: +5 °C to +40 °C

All tests with fire retardant and resistance are made under the conditions of EN 1366-4