



WATER-FOAM FHF

HIGH STRENGTH, LOW FLEXIBILITY, HYDROPHOBIC AND LOW VOCOSITY AQUOREACTIVE AND EXPANSIVE POLYURETHANE RESIN FOR WATER LEAK CONTAINMENT

One-component, expansive, high-resistance, low-flexibility, hydrophobic, low-viscosity water-reactive polyurethane resin for waterproofing and sealing joints and cracks.

Recommended for supports subjected to severe structural movements (seismic activity), vehicular traffic, etc.

PROPERTIES

Effective sealant for cracks, gaps and joints.

Low viscosity: Deep penetration with minimal pressure.

Produces a totally hydrophobic low flexibility foam.

Easy application: One-component with a potlife that allows for comfortable application.

High resistance to fungi and microorganisms.

Environmentally and applicator friendly: contains no solvents or propellant gases.

PHYSICAL-CHEMICAL CHARACTERISTICS

Appearance*:	Liquid	Catalyst: Liquid
Presentation:	20 Kg metal drums	1 Kg metal containers
Density:	1.10 Kg/L	0.940 Kg/L
Viscosity:	350-150 cP	60 cP
Flash point:	> 110 °C	
Touch dry:	2 hours (25 °C)	
Product reactivity:	Approximate induction time: 30-40 seconds	1% at 25 °C
	Approximate polymerization time: 90-120 seconds	
	Approximate induction time: 10-30 seconds	2% at 25 °C
	Approximate polymerization time: 60-90 seconds	

* Quality specifications.

MODE OF USE

Before applying the product, check that the support is clean and free of traces of oil, grease, silicone, contaminating waxes or soil materials. If repair is needed, apply appropriate repair mortars.

Shake well before opening the container.

Mix the resin with the catalyst using an electric stirrer. The amount of catalyst must be from 1 to a maximum of 10% of the total resin, depending on the temperature and humidity of the support. The more catalyst, the faster



the expansion of the resin.

It is applied by injection: Start the injection through the first injector with the lowest pressure level and gradually increase until the resin begins to flow.

Adjust the pressure according to the need of the work (size of the crack, thickness of the cement and its quality). Keep the resin protected from water to avoid reactions before injections. We recommend using separate pumps for water and resin to avoid possible blockage.

Once the container is opened, we recommend its complete consumption. Once the two components have been mixed, the mixture obtained must be applied, respecting the pot-life.

Stable for 12 months from its manufacturing date, in its original, well-closed and undamaged container. Store in a dry and cool place at temperatures between +5 °C and +35 °C.

To clean materials and utensils, use water before the product hardens. Once the product has hardened it can only be removed by mechanical means.

APPLICATIONS

Very useful in all types of construction and public works companies, quick repair contracts, masonry in general, community maintenance, repair and restoration of buildings, industrial flooring, etc.

Supported uses:

Foundations.

Underground structures such as garages.

Tunnels and underpasses.

Sewer systems.

Tanks.

Canals and reservoirs.

For sealing joints and cracks.

The information and recommendations we provide are based on our Research and experience and we believe they are correct. Since the application of the products by our Clients is beyond our control, we cannot assume responsibilities arising from misuse of our products.