

FUERZA PU-FLEX

PU BASED HIGHLY FLEXIBLE PITCH MODIFIED, WATERPROOFING LIQUID

FUERZA PU-FLEX is an advanced, high-performance elastomeric waterproofing and protective coating engineered to provide exceptional durability and long-term moisture protection across a wide range of construction applications. With an elongation capability of up to **1000%**, FUERZA PU-FLEX offers outstanding crack-bridging performance, making it ideally suited for substrates exposed to structural movement, thermal expansion, and dynamic cracking. Developed to satisfy the demand for a genuinely versatile waterproofing system, FUERZA PU-FLEX combines exceptional flexibility with ease of application. This single-component, solvent-based liquid membrane provides excellent resistance to water ingress, moisture exposure, and surface abrasion while delivering superior adhesion to a broad range of mineral substrates, including concrete, brickwork, masonry, and selected natural stones. Its high bonding strength and durable elastomeric properties ensure reliable waterproofing performance in demanding service conditions.

APPLICATORY AREAS

- Swimming pools and water-retaining structures.
- Marine facilities and zoological aquarium tanks.
- Plaza decks, terraces, and outdoor patios.
- Balconies, parapet walls, and planter boxes.
- Mechanical and utility service rooms.
- All categories of roofing systems.
- Beneath ceramic, porcelain, and stone tile installations in kitchens, bathrooms, and other wet areas.
- Potable water reservoirs, wastewater containment, and treatment tanks.
- Suitable for above-grade and below-grade applications in both interior and exterior environments.

FEATURES & BENEFITS

- Simple and user-friendly application.
- Solvent-based waterproofing formulation.
- Can be applied directly onto damp or moisture-conditioned substrates.
- Forms a permanently elastic membrane with elongation of up to **1000%** in accordance with **ASTM D412-98a**.
- Certified for use in contact with potable water.
- Exhibits excellent resistance to high positive hydrostatic pressure, tested up to a **70 m water head**.
- Designed to withstand pedestrian and light service traffic while providing superior resistance to abrasion, mechanical wear, and de-icing salts.
- Outstanding crack-bridging performance, accommodating cracks up to **2.5 mm** in accordance with **ASTM C836**.

TECHNICAL INFORMATION

Supply form:	Liquid
Color:	Black
Elongation:	1000%
Appearance:	Powder
Pot life:	1 Hour
Toxicity:	Non-toxic
Tensile Strength:	780 psi

APPLICATION

FUERZA PU-FLEX may be applied using a brush, roller, trowel, or suitable airless/compressed spray equipment. It is supplied as a **single-component, ready-to-use** product, requiring no pre-mixing before application.

CLEANING

Decontaminate all application tools and equipment promptly using clean water prior to the complete curing of the coating

PACKAGING

FUERZA PU-FLEX is manufactured and distributed in sealed packaging configurations of 4 kg and 20 kg, designed to maintain product integrity during storage, transportation, and application.

