

FUERZA BITUPROOF

WATER BASED BITUMEN EMULSION PROTECTIVE COATING

FUERZA BITUPROOF is a **high-performance, single-component water-based bituminous emulsion** formulated to provide a seamless **damp-proofing and waterproofing barrier** for concrete, masonry, and cementitious substrates. Upon curing, it forms a **continuous, flexible, and impermeable membrane** that effectively resists the transmission of **water and water vapour**, providing long-term protection against moisture ingress.

The coating exhibits **excellent adhesion** to a wide range of construction substrates and dries rapidly to produce a durable protective layer. It is suitable for use as a **protective coating, curing membrane** for buried concrete elements such as foundations, and as a **primer and bonding layer** for torch-applied bituminous waterproofing membranes and façade cladding systems. By combining multiple performance functions in a single application, **FUERZA BITUPROOF** offers a durable and cost-effective solution for moisture protection and substrate preservation in a broad range of construction applications.

APPLICATIONS

- Provides **effective waterproofing** for **foundations, basements, retaining structures, and other below-grade concrete works**.
- Serves as a **primer** for **torch-applied and reinforced bituminous membrane waterproofing systems**, enhancing membrane adhesion.
- Functions as a **curing membrane** for buried concrete elements, minimizing premature moisture loss and promoting proper cement hydration.
- Recommended as a **protective underlay coating** for **marble, stone, and metal façade cladding systems**, preventing moisture ingress and improving substrate durability.

TECHNICAL INFORMATION

Supply form:	Dark brown liquid
Drying film color:	Black
Density:	0.95±0.02 kg/liter at 25° C
Minimum drying time:	60±5 min at 25° C
Over coating time:	6 hrs ± 15 min at 25° C
Coverage:	3-4 m ² /kg(Depending on the surface)

ADVANTAGES

- **Excellent adhesion** to a wide range of concrete, masonry, and other common construction substrates.
- **Water-based and non-flammable**, ensuring safe handling and application.
- Can be applied to **green concrete and damp substrates** without compromising performance.
- **Asbestos-free, single-component formulation** requiring no on-site mixing.
- **Rapid drying characteristics** reduce application time and accelerate project progress.
- Provides a **cost-effective dual-function solution** by serving as both a curing compound and damp-proofing membrane.
- Offers **enhanced resistance to chloride ion ingress and sulphate attack**, improving the long-term durability of concrete structures.

STANDARDS COMPLIANCE

FUERZA BITUPROOF complies with the requirements of **ASTM D4479**, **ASTM D70**, and **ASTM C309**, including the **water-retention performance requirements** for concrete curing compounds.

METHOD OF APPLICATION

Surface Preparation:

The substrate shall be **structurally sound, clean, and free from dust, oil, grease, laitance, and other contaminants** that may impair adhesion. Any loose or deteriorated material shall be removed prior to application.

Application:

Stir **FUERZA BITUPROOF** thoroughly before use to obtain a uniform consistency. Apply the coating uniformly using a **brush or roller in a minimum of two coats**. Where a higher dry film thickness or enhanced waterproofing performance is required, additional coats may be applied after the preceding coat has adequately dried.

Cleaning:

All tools and application equipment should be **cleaned immediately with clean water** before the material cures. Once hardened, the coating can only be removed by **mechanical means**.

PACKAGING, STORAGE & SHELF LIFE

FUERZA BITUPROOF is supplied in **4 kg and 15 kg buckets**, as well as **210 kg industrial drums**. The product has a **shelf life of 12 months** when stored in its **original, unopened containers** under **cool, dry, shaded conditions** at temperatures between **5°C and 45°C**, protected from direct sunlight and moisture.

