

FUERZA Q-BRANE

HIGHLY FLEXIBLE WATERPROOFING LIQUID MEMBRANE

FUERZA Q-BRANE is a multi-purpose, medium-viscosity, highly flexible liquid-applied waterproofing membrane engineered for environmentally responsible waterproofing and corrosion protection of both horizontal and vertical substrates.

Upon curing, it forms a **seamless, fully bonded, chemically resistant and waterproof protective membrane** with excellent resistance to cracking, weathering, and long-term aging. FUERZA Q-BRANE can be efficiently applied by **brush, roller, or airless spray equipment**, allowing versatile application across a wide range of construction surfaces.

KEY FEATURES

- **Non-Toxic Formulation:** Formulated without hazardous toxic constituents, supporting safer handling and application.
- **Zero-VOC Technology:** VOC-free formulation with negligible volatile organic emissions, promoting improved environmental and occupational conditions.
- **Low-Odour Chemistry:** Engineered for minimal odour generation during application and curing, suitable for enclosed or occupied environments.
- **High Elasticity & Flexural Resilience:** Cures to a continuous, elastomeric membrane capable of accommodating substrate movement, vibration, and dimensional stresses without cracking or delamination.
- **Superior Chemical & Environmental Resistance:** Demonstrates enhanced resistance to acids, alkalis, waterborne salts, UV exposure, weathering, and biological degradation.
- **Versatile Substrate Protection:** Suitable for both **interior and exterior waterproofing applications**, providing durable moisture-barrier and protective performance across diverse service conditions.

TECHNICAL INFORMATION

Color:	Black
Specific gravity (liquid):	Approx. 1.0 g/cm ³
Odour:	None
Volatile organic compound:	Contain no solvents
Solids content:	58-60%
Viscosity, Brookfield:	8000-9000
pH:	10-12

PERFORMANCE CHARACTERISTICS

FUERZA Q-BRANE is a medium-viscosity, elastomeric, pitch-modified rubberized waterproofing compound designed for sealing roof and wall penetrations, as well as bridging and sealing minor cracks in concrete substrates. Applied in liquid form, it cures to form a highly flexible and resilient membrane capable of accommodating structural movement, vibration, and substrate stresses without cracking, peeling, or delaminating.

It is suitable for **foundation and roof repairs, planter boxes, shower areas, ponds, and general waterproofing applications**. FUERZA Q-BRANE provides an environmentally preferable alternative to conventional hot-applied waterproofing systems and offers excellent resistance to **acids, alkalis, waterborne salts, UV exposure, and biological degradation**.

APPLICATION & LIMITATIONS

Application:

FUERZA Q-BRANE is a single-component waterproofing membrane that can be applied by **brush, roller, squeegee, or airless spray equipment**. The substrate must be clean, dry, and free from dirt, dust, debris, oil, and grease. Application should not proceed at temperatures below **5°C** or when rainfall is anticipated within 24 hours.

The required membrane thickness is achieved through the application of **multiple thin coats**. For joints and cracks, incorporation of a suitable **reinforcing fabric** is recommended. Typical coverage is **0.5–0.8 m²/kg per coat**, depending on the specified membrane thickness. The coating generally cures within **48 hours**, although curing time may vary with ambient temperature and relative humidity.

Limitations:

Do not apply FUERZA Q-BRANE to **wet or frozen substrates**, at temperatures below **5°C**, or immediately before anticipated rainfall. The uncured membrane must be protected from freezing and adverse weather conditions. For application-related requirements or technical clarification, consult FUERZA Technical Services Department.

SAFETY PRECAUTIONS & HANDLING

Keep **FUERZA Q-BRANE** out of reach of children and store under controlled conditions at temperatures **above 5°C**. Prior to handling or application, review the current **Safety Data Sheet (SDS)** to ensure compliance with recommended health, safety, and handling procedures.

FUERZA Q-BRANE is **mildly alkaline**; therefore, standard industrial hygiene and chemical-handling precautions shall be observed. Appropriate **chemical-resistant gloves, safety goggles, protective clothing, and other suitable personal protective equipment (PPE)** shall be worn during handling and application to minimize the risk of skin and eye contact.

For detailed information regarding **hazard identification, safe handling, storage, exposure controls, first aid, and emergency procedures**, refer to the product SDS.

PACKAGING & SUPPLY

FUERZA Q-BRANE is supplied in **210 kg drums** and is also available in **bulk quantities** to accommodate varying project requirements and application volumes.



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