

TECHNICAL DATA SHEET



Description

The ultimate waterproofing solution.

Single pack, no mixing. No thickening agents or catalyst required. Mono is perfect straight out of the tin.

This advanced formulation based on polyurethane technology is thick enough to be applied on vertical slopes without slumping yet wets out the Bullet mat glass reinforcement effortlessly. Bullet Roof Mono is U.V stable and does not require additional UV protection coats. It is unaffected by standing or ponding water. Mono can achieve life expectancies of up to 25 years.

**ACHIEVED HIGHEST FIRE RATING
AVAILABLE IN EUROPE - Broof t4
(Once cured)**



The Bullet Roof Mono System incorporates and utilises advanced primers and super tough top coats. When used in conjunction with our primers and top coats it can be installed onto almost any surface including damp/green concrete! The Bullet Roof System can be used to waterproof car parks and high traffic areas such as balconies and walkways.

Key Features

- BBA Approved System
- Moisture cured allowing application in most weather conditions
- Cold Applied liquid, not requiring the use of heat or naked flames. Fire risks associated with traditional flat roof works are eliminated.
- Excellent adhesion to almost any surface
- Completely seamless. No joints, laps or seams.
- Completely flexible and tolerant of normal structural movements.
- Water vapour permeable
- Achieved BROOF T4 fire rating. Highest available in Europe.
- Special primers allow for application onto damp/green concrete (Bullet Roof DPM Primer)
- Special primers allow for overcoating in times from 10 minutes (Bullet Roof Quick Prime)
- Special primers allow for treatment and overcoating oxidised/rusted surfaces (Bullet Roof Epoxy Primer AC)
- Addition of super tough top coat allows for heavy foot traffic and vehicle traffic (Bullet Roof Mono Top)
- Addition of super tough Top coat allows for life expectancies up to 35 years!

Key Applications

- Flat Roofs – New construction. Warm & Cold (approved plywood & OSB 3, Concrete, approved insulation board etc)
- Flat Roof – Overlaying existing coverings (Asphalt, Mineral Felt, GRP, Single ply, GRP etc)
- Podium Decks
- Bridge Decks
- Balconies
- Green Roofs
- Gutters (All Types)
- Cut edge corrosion
- Asbestos encapsulation
- Pitched sheet roof overlay/encapsulation (metal, plastisol coated metal, asbestos, fibre cement etc)

Technical Data

Color	Grey
Specific weight UNI EN ISO 2811-1	1,50 ± 0,03 g/ml
Viscosity at 20°C UNI EN ISO 2555	25.000 ± 5.000 mPa .s
Solid content EN ISO 3251	74±1% by volume

Application Temperature	+5°C to +35°C substrate temperature (R.H. < 85%).
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Theoretical consumption	3.2kg - 3.5kg per m2
Thickness	2.2mm
Curing at 22°C, 50% R.H.	- dry to the touch - insensitive to rain - over-application - completely cured 6-8 hours 6 hours 24 hours 10 days
Permeability to carbon dioxide EN 1062-6	Sd > 50 m
Permeability to water vapour EN ISO 7783-2	Sd < 5 m
Capillary absorption and permeability to water EN ISO 1062-3	< 0,1 kg/m ² · h ^{0.5}
Adhesion to concrete (traction) EN 1542	> 1,5 MPa
Tensile strength UNI EN 12311-2	> 6 M Pa
Elongation at failure UNI EN 12311-2	> 600 %
Shore A Hardness EN ISO 868	70
Storage	12 months from date of production if stored properly in original, unopened sealed pack- aging, in a dry place at temperatures between +5°C and +35°C.
Certifications	BROOF T4

