

Asfabit

**WATERPROOFING AND CORROSION-INHIBITING
COLD-APPLIED BITUMEN EMULSION.**



TECHNICAL DATA SHEET

DESCRIPTION

ASFABIT is an aqueous emulsion composed of refined bitumen, fillers and synthetic resins that improve the rheological properties of the bitumen. It provides excellent adhesion to cement and metal substrates. Once dry, it forms a waterproof film with improved elasticity, ageing resistance, thermal resistance and adhesion compared with common bituminous emulsions.

FIELDS OF APPLICATION

ASFABIT is suitable for waterproofing and protecting old and new coverings of any slope, foundations, retaining walls, concrete tanks, cisterns and silos. It can also protect metal structures or underground metal tanks against oxidation.

ADDITIONAL APPLICATIONS

When mixed with sand of suitable granulometry and cement, ASFABIT can be used to create protective insulating top coats and elastic, dust-proof, waterproof floor finishes suitable for vehicle traffic.

APPLICATION

Apply ASFABIT by brush or scrubbing brush. Recommended consumption is approximately 1-3 kg/m², depending on the type of intervention and the condition of the substrate.

The dry ASFABIT film provides waterproofing and corrosion protection while maintaining excellent adhesion to cementitious and metal supports.

PERFORMANCE BENEFITS

- Excellent adhesion to cement and metal substrates.
- Forms a continuous waterproof film once dry.
- Improved elasticity and resistance to ageing and heat.
- Excellent water resistance.
- Excellent resistance to alkalis and diluted acids.

CONSUMPTION

Approximately 1-3 kg/m², according to the type of intervention.

RECOMMENDATIONS

- Apply at temperatures from +5 °C to +35 °C.
- Use a brush or scrubbing brush for foundation and retaining-wall waterproofing.
- Protect the product from frost.
- Consult the current Safety Data Sheet before handling or applying the product.

PACKAGING

ASFABIT is supplied in 15 kg, 4 kg and 1 kg pails.

SPECIFICATIONS

Waterproof foundation or retaining walls with a refined-bitumen cold asphalt emulsion, ASFABIT type by Colmef Srl, applied by brush or scrubbing brush at a consumption of approximately 1-3 kg/m².

TEST CONDITIONS

Tests performed at 23 °C and 50% relative humidity in the absence of air ventilation.

TECHNICAL DATA

Property	Unit	Value
Appearance	-	Thick emulsion
Colour	-	Black
Specific weight	g/cm ³	1.2
Solid residue	%	50
Application temperature	°C	+5 to +35
Superficial film formation	hours	Approx. 1
Complete hardening at 2 mm thickness	hours	Approx. 24
Ageing resistance	-	Excellent
Water resistance	-	Excellent
Resistance to alkalis and diluted acids	-	Excellent
Consumption	kg/m ²	1-3 according to intervention type
Packaging	kg	15 / 4 / 1

DATA REPORTED FROM THE SUPPLIED ASFABIT TECHNICAL DATA SHEET.

The information in this bulletin is based on our best experience. We cannot be held liable for product misuse. Anyone intending to use this product should assess whether it is suitable for the intended application and perform preliminary tests. Always refer to the latest updated technical data sheet and Safety Data Sheet available from Colmef.

FOR MORE INFORMATION OR PARTICULAR USES, CONTACT THE COLMEF TECHNICAL SUPPORT DEPARTMENT.

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