

ASFABIT S

WATERPROOF, ANTICORROSIVE COLD ASPHALT EMULSION



TECHNICAL DATA SHEET

DESCRIPTION

ASFABIT S is a special emulsion composed of high-quality bitumen, thixotropic fillers and synthetic resins that improve the characteristics of the bitumen. Once hardened, it forms a waterproofing membrane with enhanced elasticity, ageing resistance, resistance to temperature changes and adhesion compared with common bituminous emulsions.

FIELDS OF APPLICATION

For waterproofing and protecting terraces with different gradients, asbestos roofs and slabs, concrete tubs, cisterns, silos, foundations, refrigerating rooms and external walls exposed to driving rain. It can also be used as an adhesive and vapour barrier when installing insulation, and as a protective coating for metal structures and underground tanks.

When mixed in the specified proportions with sand and cement, ASFABIT S can be used to create dust-resistant, elastic and waterproof flooring.

PACKAGING

22 kg, 5 kg and 1 kg metal containers.

Preparation and application

SUBSTRATE PREPARATION

The substrate must be clean, sound and free from grease, old friable paint, rust and mould. ASFABIT S can be applied to slightly damp substrates.

APPLICATION

ASFABIT S is ready to use. Stir before application. Apply the undiluted product with a tarbrush or spatula. The source states that, when diluted with solvent, it may be applied by brush or sprayer.

On particularly porous substrates, apply a first coat diluted by 20–30% to act as a primer, saturate the pores and improve adhesion of subsequent coats. Once the first coat is completely dry, apply a second coat of undiluted product. The number of coats and consumption depend on the structure and required degree of protection.

The source does not identify the solvent or dilution basis. Confirm these details with Colmef technical support before dilution.

PROTECTIVE FINISH

For an improved appearance and longer-lasting waterproofing, the source recommends protecting the coating with a coloured elastic membrane such as ELASTOGUM or MANTOFLEX.

CLEANING

Clean application tools with water before the product hardens, and with solvent after hardening.

Flooring, consumption and storage

DUST-PROOF FLOORING SYSTEM

Apply a first coat of ASFABIT S diluted with 20–30% solvent, as stated in the source. Apply the second coat after 4–5 hours. Confirm the solvent and dilution basis with technical support.

For 1 m² at 6 mm thickness, prepare the following mixture:

Cement	2 kg
Sand, 0–1 mm	7 kg
ASFABIT S	3 kg
Water	As needed for consistency

Mix until homogeneous and free of lumps. Apply in two coats with fibreglass fabric of 4 × 4 mm mesh between them. Achieve a minimum thickness of 6 mm. Prepare only the amount usable in approximately 20 minutes. Protect from direct sunlight for at least 48 hours.

CONSUMPTION

Waterproofing coverings	2–2.5 kg/m ²
Dust-proof flooring	3–3.5 kg/m ²

STORAGE

Store in a dry place in the original, tightly closed containers at **+3 °C to +35 °C**. Under these conditions, ASFABIT S retains its characteristics for **at least 12 months**.

For further information or particular applications, contact Colmef technical support.