



ASOL-FE

Bitumen primer and protective layer

Art.-No. 2 02840

- Ready to use
- Bitumen emulsion
- Environmentally friendly, solvent free
- Brush or spray application
- For interior and exterior use

Areas of application:

ASOL-FE is used as a protective coat against ground moisture and naturally occurring aggressive materials in the ground to protect concrete, render or masonry work in basements, walls, foundations, shafts etc. and as a base coat beneath COMBIDIC-1K, COMBIDIC-2K-CLASSIC, COMBIDIC-2K-PREMIUM, KSK-Abdichtungsbahn or Polymer-bitumen welded sheeting.

Technical Data:

Basis:	distilled bitumen
Colour:	brown-black
Density:	approx. 1.01 kg/dm ³
Solids content:	approx. 61%
Priming:	not necessary
Consumption:	approx. 200 - 250 ml/m ² of coating
Application/substrate temperature:	+5° C to +30° C
Packaging:	5, 14 and 28 litre packaging
Storage:	12 months when stored frost free in the original unopened packaging. Use opened packaging promptly.
Cleaning:	Clean tools immediately after use with water or ASO-R001.

Substrate preparation:

The substrate to be coated must be dry, load-bearing, largely flat and open textured, free from surface pockets, holes, cracks or ridges, free from adhesion inhibiting substances such as e.g. dust, oil, grease, or

poorly bonded old coatings. Mechanically remove cement laitance and weak surface deposits. Repair voids, defects or gravel pockets in concrete with ASOCRET-M30. Prepare masonry work by rendering with a cement-mortar (MG III).

Prime dusty or very absorbent substrates beforehand with ASOL-FE - diluted 1:5 with water.

Apply AQUAFIN-1K or ASOCRET-M30 to a slurry consistency at the base slab/wall transition as well as in corners and along edges and whilst still wet, form a coved fillet with ASOCRET-M30. Once fully dried, overcoat the entire area with ASOL-FE including 15 cm down the front edge.

Product application:

Protective coating:

Apply a minimum of 2 coats of ASOL-FE using a paint brush, roller or suitable spray equipment. The second coat should only be applied when the first is wipe-proof and stable and will not become damaged by further applications.

Priming coat for COMBIDIC bituminous coating:

Dilute ASOL-FE at a ratio 1:5 with mains water. The mixed material can then be applied to the correctly prepared substrate by roller, brush, roofer's brush or suitable spray equipment. Application of COMBIDIC-bituminous coating can take place only after the primer has fully dried.

Priming coat beneath KSK-waterproofing membrane or torch-on polymer-bitumen membranes:

Dependent on the absorption of the substrate, ASOL-FE can be diluted up to maximum of 1:1 with water (drinking water quality). Then apply the mixed material to the correctly prepared substrate with a roller, brush, roofer's brush or suitable spray equipment. Application of the KSK-waterproofing membrane or torch-on polymer-bitumen membrane can take place only after this primer has fully dried.

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Protective layers:

Protect waterproof membranes from weathering in accordance with DIN 18195, part 10, e.g. from strong sunlight, rain, frost and mechanical damage, using suitable measures e.g. with protective or drainage boards. Protective layers may not exert any point or linear pressure on the waterproof membrane.

Bond protective or drainage boards with COMBIDIC-1K and perimeter insulation in a full bed of COMBIDIC-2K-CLASSIC or COMBIDIC-2K-PREMIUM. Drainage to conform to DIN 4095.

Important Advice:

- Do not use when raining, drizzling or where the air and substrate temperatures are below +5° C.
- Protect areas not being treated with ASOL-FE.
- Negative water pressure cannot be accommodated by bitumen waterproof membranes. If this is to be expected then the area must be pre-waterproofed with AQUAFIN-1K.
- Protect masonry coping and open window sills from water penetration.

Please observe a current valid EU Safety Data Sheet.

GISCODE: BBP 10