

ASOL-FE

Bitumen primer/protective coating, elastic, solvent-free



Material number	Package type	Colour	Units / pallet	Pc/package
202840009	1000 l, IBC	Black	1,000	1,000
202840006	5 l, can	Black	70,000	1,000
202840007	14 l, tub	Black	24,000	1,000
202840008	28 l, tub	Black	18,000	1,000

Fields of application / waterproofing

- As protective coating to protect against pressure and non pressure seepage water
- As a primer
- For underground and shaft construction
- For exterior

Product features

- Latex-enhanced bituminous emulsion
- Ready to use

Advantages

- Can be applied by brush, roller and spray
- Solvent free
- Versatile

ASOL-FE

Technical Data

Material properties

Product components	Ready to use
Base material	Bitumen/latex emulsion
Consistency	liquid, paste
Density, ready to use product (ISO 1183-1)	approx. 1.01 kg/dm ³

Application

Substrate/application temperature	approx. 5 - 30 °C
Consumption pro m ² and mm layer thickness	approx. 1.5 l
Consumption	Protective coating: approx. 300-500 ml/m ² per coat Membrane primer: approx. 100-125 ml/m ² Bituminous primer: approx. 40 - 60 ml/m ²

Processing equipment

Aids/tools

- Brush
- Colour roller
- Primer brush
- Spray equipment

Suitable substrate

- Cement plaster
- Masonry work
- Concrete
- Old, firmly adhering bituminous substrates

Preparing the substrate

Requirement for substrate

1. Dry
2. Load-bearing
3. Even
4. Pore open
5. Sealed in the surface
6. Free of adhesion inhibiting substances

Preparing the details

1. Depressions > 5 mm and mortar pockets, plaster grooves in brickwork, open butt or bed joints, damaged areas, large pored substrates or uneven masonry work must be levelled in advance with ASOCRET-M30.
2. Level recesses < 5 mm with ASOCRET-M30 or AQUAFIN-1K.

Preparing the surface

1. Cement paste and components that can be washed off must be removed mechanically.
2. Pre-screen with ASOCRET-M30 in the base slab-wall transition, at corners and edges and install a cove while still wet.

Application

Protective coating

1. Apply ASOL-FE (diluted 1:5 with water) as a primer.
2. Apply the protective coating undiluted in at least two application steps.
3. At least three application steps are necessary when exposed to pressurised water.
4. The subsequent coat is always carried out after the previous coat has dried sufficiently.

ASOL-FE

Primer for COMBIDIC bituminous thick layer coating

1. Dilute ASOL-FE with water. (1:5)
2. Apply the diluted material with the chosen tool.
3. Apply the COMBIDIC bituminous thick layer coating only after the primer has completely dried.

Primer under KSK-Abdichtungsbahn or polymer bitumen welding membranes

1. Dilute ASOL-FE with water depending on the absorbency of the substrate. (max. 1:1)
2. Apply the diluted material with the chosen tool.
3. Do not apply the KSK-Abdichtungsbahn or polymer bitumen welding membrane until the primer has dried completely.

Cleaning tools

Rinse tools with water immediately after use.

Drainage and protection boards for building components in direct contact with the ground

The waterproofing must be protected against weathering influences and mechanical damage using suitable protective measures in accordance with DIN 18533. 1. The waterproofing must be totally dry. 2. Suitable protection and drainage boards can be fixed in place with COMBIDIC-1K/-S in batches. 3. Perimeter insulation must cover the whole area and be butt jointed with COMBIDIC-2K-CLASSIC or COMBIDIC-2K-PREMIUM. 4. Drainage is carried out in accordance with the specifications of DIN 4095.

Storage conditions

Storage

Store in a frost-free, cool and dry place. At min. 5 - 40 °C for 12 months in the original canister. Promptly use opened container.

Notes

- Protect surfaces that are not to be treated from the effects of ASOL-FE!
- Negative water pressure cannot be absorbed by bituminous waterproofing. It is necessary to apply waterproofing with AQUAFIN®-1K beforehand in the areas in which this can be expected.
- Protect masonry work tops and open window parapets against water penetration.
- Do not apply during rain or with air / substrate temperatures below +5 °C.
- Protect ASOL-FE from weathering influences such as rain, frost, strong solar radiation, etc. until totally dry!

Observe applicable safety data sheet!

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