



## Technical Data Sheet

# COMBIFLEX®-DS

## Elastic waterproof membrane

**Art.-No. 2 05009**

- Ready to use
- Bitumen-polymer combination
- Water impermeable
- Solvent free therefore environmentally friendly
- Can be brush or spray applied
- For interior or exterior use
- Radon barrier

### Areas of application:

COMBIFLEX-DS is used as a protective coating against seepage water, whether under pressure or not under pressure, onto dense concrete or render on cellar walls, foundations, manholes etc. It is also used as a horizontal waterproof membrane against capillary rising damp beneath screeds on separating layers or insulation.

### Technical Data:

Basis:	bitumen/latex emulsion
Colour:	black-brown
Density:	approx. 1.05 kg/dm <sup>3</sup>
Priming:	COMBIFLEX-DS : water = 1:10
Application / substrate temp.:	+5° C to +30° C
Packaging:	28 litre containers
Storage:	frost-free, cool and dry, 12 months when stored frost in the original unopened container. Use opened containers promptly.
Cleaning:	Clean tools immediately after use with water or ASO-R001.
Consumption:	min. 1.0 l/m <sup>2</sup> with ground moisture and water not under pressure min. 1.5 l/m <sup>2</sup> with water under pressure on dense concrete

### Substrate preparation:

The substrate to be coated must be dry, load-bearing, largely flat and open pored, free from honeycombs, cavities, cracks and ridges and be free from adhesion inhibiting materials e.g. dust, oil, grease or poorly adhered old coatings. Mechanically remove cement laitance and components which can be washed/scraped away. Apply a cement-based render (MG III) beforehand. Repair voids, defective areas or gravel pockets in concrete with ASOCRET-M30.

Prime dusty or highly absorbent substrates with COMBIFLEX-DS - diluted 1:10 with water. Apply AQUAFIN-1K or ASOCRET-M30 in a slurry consistency to the base slab/wall transition as well as edges and corners and whilst still wet, form a coved fillet in ASOCRET-M30. Once fully dried, overcoat the entire area, including 10-15 cm over the front face, with COMBIFLEX-DS.

### Product preparation:

Briefly stir COMBIFLEX-DS before use and apply at least 2 coats to the professionally prepared substrate using a brush, roller or suitable spray equipment. Only apply the second coat when the first has a good grip, is stable and will not become damaged by further applications.

### Protective layers:

In accordance with DIN 18195, part 10, waterproof membranes are to be protected from weathering e.g. strong sunlight, rain and frost and from mechanical damage using suitable protective layers, e.g. protection or drainage boards. Protective layers may not exert any point or linear pressure on the waterproof membrane. Fully bed protective or drainage boards with COMBIDIC-1K, perimeter isolation with COMBIDIC-2K-CLASSIC or COMBIDIC-2K-PREMIUM. Drainage is to be incorporated according to DIN 4095.

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## **Advice:**

- Protect areas not being treated from COMBIFLEX-DS.
- Do not use when it is raining, drizzling or when the air and substrate temperature is below +5° C.
- Negative water pressure cannot be accommodated by bituminous waterproof membranes. In areas where this is expected, pre-waterproof with AQUAFIN-1K.
- Protect masonry coping and window cills from water penetration.
- Bitumen coatings must be protected from weathering such as e.g. strong sunlight, frost, wind etc.

Please observe a current valid EU Safety Data Sheet.

**GISCODE: BBP 10**