



Technical Data Sheet

COMBIFLEX®-DS

Art.-No. 2 05009

Elastic Surface Waterproofing Emulsion

Properties:

COMBIFLEX-DS is a solvent free ready-for-use combination of bitumen and polymers, which forms an elastic seamless waterproof membrane.

Areas of application:

COMBIFLEX-DS is suitable for the waterproofing of soil contacting areas against humidity and non-pressure water. On structure dense concrete COMBIFLEX-DS will also be used against pressure water. Furthermore COMBIFLEX-DS is suitable as a horizontal waterproofing layer against rising humidity on separated screed or screed on heat insulating materials.

Technical Data:

Basis:	Bitumen/latex emulsion
Colour:	Black brown
Density:	1.05 kg/dm ³
Solid content:	61%
Curing:	By drying
Surface temperature:	not less than + 5°C
Substrates:	dry or slightly wet, sound, free from fat and oil.
Priming:	ASO-Unigrund or COMBIFLEX-DS:water: 1:10
Official tests:	Water impermeability upto 7 bar (DIN 1048)
Consumption:	Minimum 1.0 l/m ² against moisture and non-pressure water, 1.5 l/m ² on structure dense concrete against pressure water.
Packaging:	14 and 28 l bins
Storage:	12 months, frost free
Cleaning agent:	Clean tools with water or ASO-Kaltreiniger immediately after use.
Safety advice:	Avoid contact with eyes.

Surface preparation:

Waterproofing of basements:

The surface must be clean, free from oil grease, it might be also slightly moist. Dusty and absorbing surfaces have to be primed with a solution of COMBIFLEX-DS in water (1:10) or ASO-Unigrund. Brick surfaces need a finish.

Hollow spaces should be filled with ASOCRET-RN or a cement mortar improved with ASOPLAST-MZ. In wall/floor junctions form a concave moulding, prepared with ASOCRET-RN or a cement mortar improved with ASOPLAST-MZ. In case the surface contains rough pores the first application should be applied as scratch coat. The second application is to follow immediately.

Method of application:

Before use COMBIFLEX-DS should be stirred for a short time and applied on the surface with a brush, roll or a suitable spray device (airless, boiler pressure device).

Drain and protection board:

Protect the waterproofing layer for direct insolation and mechanical damages by suitable protection measurements (INA protection and drain boards). Protection layers must not exert any lumped load on the waterproofing layer. Therefore do not use picking or wavy boards. Draining is to be effected according to DIN 4095.

Important advice:

The waterproofing layer must not get in contact with sharp-edged or clay containing material. Negative water pressure should be avoided. Areas where negative water pressure may be expected, should be waterproofed with AQUAFIN-2K. COMBIFLEX-DS is no dangerous good. A classification according to GefStoffV und GGVS is not necessary.