

COMBIFLEX[®]-DS

Elastic surface waterproofing emulsion

June 2024

PROPERTIES:

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



AREAS OF USE:

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:

	COMBIFLEX-DS
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	AS)-Unigrund or COMBOFLEX-DS:water: 1:10
Official tests	Water impermeability up to 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 litre 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 PREPATION:

WATERPROOFING 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.

APPLICATION METHOD:

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 isolation 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.

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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 not a dangerous good. A classification according to GefSoffV and GGVS is not necessary.

HEALTH AND SAFETY:

Please observe the Safety Data Sheet.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	Germany
Legal and trading name of manufacturer	SCHOMBURG GmbH & Co. KG
Manufacturer address for service	Aquafinstr. 2-8 D-32760 Detmold (Germany)
Manufacturer website	Schomburg.com
Manufacturer email	
Manufacturer phone number	+49 5231 953 00
Manufacturer NZBN	