

MYK COMBIFLEX®-C2/S

Two-component bituminous thick layer waterproofing for spraying application

Properties:

- Seamless and jointless flexible crack bridging waterproofing
- Suitable for all common surfaces.
- Immediately rain-proof
- Environmental friendly
- Simple and economical handling
- Bonding caused by its own reaction of properties
- Cement and chromate free powder component
- Application also suitable on extremely wet or dry surfaces without priming
- Official test results according to DIN 18195-2 are available

Scopes of use:

- Exterior waterproofing against:
 - ground moisture
 - humidity
 - pressure water (with suitable construction)

Technical Data:

Basis:	2 component, polymer modified bitumen spactling compound
Processing temperature:	+ 5° C upto + 30° C
Surface temperature:	+ 5° C upto + 30° C
Surfaces:	Masonry, concrete, plaster
Surface condition:	sound, free from joints, dry or extremely wet, free from oil, fat, grease or dust, of load carrying capacity
Pot life:	60 minutes
Official tests:	MPA (material test institute) Dresden

Consumption / thickness of layer

On Masonry:

Ground moisture, slope water,

non pressure water: 4.0 l/m²/2,5 mm

Pressure water: 6.0 l/m²/4 mm

On concrete:

Ground moisture, slope water,

non pressure water: 4.0 l/m²/2.5 mm

Pressure water: 6.0 l/m²/4 mm

The consumption of material concerning uneven surfaces has not been taken into account.

Delivery: 28, 180 and 1000 l barrel

Storage: 6 months, frost free

Cleaning agent: Tools are to be cleaned with water or ASO-KALTREINIGER immediately after use.

Processing:

1. Surface:

Before MYK COMBIFLEX-C2/S is applied, the surface has to be prepared professionally.

Masonry: the surface has to be prepared flush-Jointed. Open joints, uneven areas, pockets or holes have to be levelled.

Concrete,

plaster: the surface has to be cleaned from parting agents. Defect areas has to be treated levelled.

2. Inner corner, joints between floor and wall:

ASO-JOINT-TAPE-2000 is fixed with MYK AQUAFIN-2K and processed.

Alternatively a concave moulding might be set. Corners such as wall-floor joints are to be primed with

MYK COMBIFLEX®-C2/S

Two-component bituminous thick layer waterproofing for spraying application

MYK AQUAFIN-1K. Fresh-in-fresh, a concave moulding made of MYK ASOCRET- RN or cement mortar MG III (mortar group) with a leg length of 4 cm is to be formed. After setting of MYK AQUAFIN-1K the concave moulding is sealed with MYKAQUAFIN-1K again.

On the dried MYK AQUAFIN-1K layer MYK COMBIFLEX-C2/S is applied.

3. Expansion joints

Expansion joints are to be closed with

ASO-JOINT-TAPE-2000S (while forming loops) and to be fixed with MYKAQUAFIN-2K.

If the waterproofing layer is stressed by pressure water, the expansion joint is to be reinforced using an additional foamed plastic round cord. Subsequently ASO-JOINT-TAPE-2000S is fixed again with MYK AQUAFIN-2K and processed.

4. Processing

Open the bag of the liquid component with a knife, pour the complete mass on the powder component inside the pail. Mix with a slow running drill achieving an homogeneous mass. MYK COMBIFLEX-C2/S is to be applied without priming.

5. Drain and protection boards

Waterproofings are to be protected against direct strong sun influence by means of drain boards such as INA Schutz- und Drainlement (protection board).

Protective layers must be applied after MYK COMBIFLEX-C2/S has completely hardened. The protective measures must not effect the pressure (by dots or lines) onto the sealing. Therefore corrugated boards are not suitable. Drain boards are to be flat.

The drainage is effected according to DIN 4095. Drain boards are to be connected to the sealing with lumps of MYK COMBIDIC-2K.

Annotation:

- Bituminous coatings do not resist negative water pressure. In case negative water pressure is to be expected the surface has to be sealed with MYKAQUAFIN-1K in advance.
- Masonry tops or open window ledged areas are to be protected against intruding water
- According to the general rules of technique a waterproofing with MYK AQUAFIN-2K has to be applied under the rising walls, on the bottom and open spandrel wall. For details such as passing pipes through walls please regard our technical descriptions.
- Protect MYK COMBIFLEX-C2/S from direct sunlight.
- Do not exceed the specified thickness of MYK COMBIFLEX-C2/S by 100% in any area.
- The building pit has to be refilled according to VOB.

This data sheet is according to Schomburg factory recommendations. If you desire to work according to DIN 18195, we can supply a different procedure to meet the requirements of this regulation with MYK COMBIFLEX.-C2/S.