



## COMBIFLEX®-C2/P

Two component, polymer modified, bituminous thick layer – waterproofing agent

### Fields of application

For below grade waterproofing of floors and walls in basements or similar buildings affected by ground moisture, temporary and permanent water pressure.



COMBIFLEX®-C2/P is a highly economical waterproofing system for all typical conditions. The two components are mixed to a homogenous consistency and applied in the desired film thickness. COMBIFLEX®-C2/P does not require any primer.

# Basement

## COMBIFLEX®-C2/P

System components:

- **AQUAFIN®-2K/M**  
For waterproofing of wall footings, plinthes and wall slab details. Also used as an adhesive for the joint tapes.
- **ASO®-JOINT-TAPE 2000-S**  
For waterproofing of construction and cold joints.
- **ADF®-Hohlkehlenband (Joint tape with performed concave moulding)**  
For easy construction of coves.
- **SCHOMBURG-piping sleeve**  
For waterproofing of pipe penetrations.
- **ASOCRET®-RN**  
For construction of coves and patching of substrate imperfections.
- **ASO®-System-fleece-02**  
As a protection fleece for the freshly applied COMBIFLEX®-C2/P coat and as a reinforcement against water pressure.
- **INA-protection- and drain element**  
As a protection for the waterproofing and drainage of seepage water.
- **COMBIDIC®-2K**  
As an adhesive for INA-protection- and drain element on COMBIFLEX®-C2/P.

Required tools:



Distribution partner:



**SCHOMBURG** Building Product Systems

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# SCHOMBURG

# COMBIFLEX®-C2/P



## Two component, polymer-modified, bituminous thick layer - waterproofing agent

### Properties:

- cement- and chromate free powder component
- flexible
- crack bridging
- immediately rainproof
- applied without primer even on damp substrates
- official approval according to DIN 18195

### Technical data:

Product type:	two-component, polymer modified, bituminous thick layer – waterproofing agent
Mixing time:	approx. 2 min. with a slow speed mechanical drill
Processing time:	approx. 45 min. at an ambient temperature of 20° C and at 65% relative air humidity.
Working-/ Substrate temperature:	+5° C to +30° C
Crack bridging:	> 2 mm
Consumption: Ground moisture, temporary water pressure:	5 kg/m <sup>2</sup>
permanent water pressure:	6,7 kg/m <sup>2</sup>
Packaging:	25 kg pails

Adjust for increased material demand due to uneven substrate levels!

### Important note:

**For application the valid technical data sheet is legally binding.**

It will supply you with additional information about the product and application.

- Waterproof the slab underneath the walls with min. 3 kg/m<sup>2</sup> AQUAFIN®-2K/M against rising dampness.
- After construction of the basement walls use a suitable SCHOMBURG-Joint-Tape or construct a cove at the wall-slab detail. Afterwards, apply AQUAFIN®-2K/M on the complete area.
- Prepare wall surface thoroughly for the waterproofing. Masonry joints should be closed completely. Remove loose parts. Level concrete and patch voids or joints > 5 mm.
- Install a SCHOMBURG-piping sleeve over pipe penetrations outside water immersed areas and seal with AQUAFIN®-2K/M completely.
- Waterproof the plinth area with AQUAFIN®-2K/M so that the overlap to the following coat of COMBIFLEX®-C2/P is completely below grade.
- Open the bag, pouring the liquid completely onto the powder component.
- Mix the two components thoroughly to achieve an homogenous, easy-to-apply product.
- The mixed COMBIFLEX®-C2/P can be applied in one coat to the desired thickness. For ground moisture a dry film thickness of 3.0 mm is required, which is equal to 5.0 kg/m<sup>2</sup> COMBIFLEX®-C2/P. A possible demand of excess material for compensation of substrate unevenness is not considered in the above mentioned consumption rates. To achieve a uniform film thickness apply COMBIFLEX®-C2/P with a serrated trowel and smooth afterwards.
- Apply into the fresh waterproofing film ASO®-System-fleece-02 without overlap and embed with a trowel.
- Apply INA-protection- and drain element with COMBIDIC®-2K or COMBIDIC®-1K onto the cured waterproofing.
- This protects the waterproofing against damage and allows the seeping surface water to drain without obstruction.



The above describes the waterproofing method acc. to DIN 18195, part 4, detailing the described water load levels, ground moisture and temporary water pressure.

Waterproofing procedures according to the specifications of permanent water pressure (DIN 18195, part 6) can be requested from our technical department.