



Documentation Form

current version of DIN 18533

For the production of waterproofing with polymer modified bituminous thick coatings (PMBC)

Object data

Executing company: _____

Installer / employee: _____

Building project: _____

Client: _____

Date / Daily Report No.: _____

| | | | | |
|-------------------------------|-----------------------|--------------------------|-----------------------------|---|
| Weather 1 st layer | Air temperature in °C | <input type="checkbox"/> | Substrate temperature in °C | <input type="checkbox"/> |
| | Humidity in % | <input type="checkbox"/> | rainy | <input type="checkbox"/> sunny <input type="checkbox"/> cloudy <input type="checkbox"/> |
| Weather 2 nd layer | Air temperature in °C | <input type="checkbox"/> | Substrate temperature in °C | <input type="checkbox"/> |
| | Humidity in % | <input type="checkbox"/> | rainy | <input type="checkbox"/> sunny <input type="checkbox"/> cloudy <input type="checkbox"/> |
| Progress in construction | Basement walls | <input type="checkbox"/> | basement ceiling | <input type="checkbox"/> Ground floor slab <input type="checkbox"/> roof <input type="checkbox"/> |

Embedding depth of the structure into the ground _____ m

Ground / subsoil according to subsoil expertise / planning requirements

| | | | | | |
|--------------------------------|--------------------------|-----------------------------------|--------------------------|-------------------------|--------------------------|
| permeable (e.g. gravel / sand) | <input type="checkbox"/> | less permeable (e.g. clay / loam) | <input type="checkbox"/> | water management system | <input type="checkbox"/> |
|--------------------------------|--------------------------|-----------------------------------|--------------------------|-------------------------|--------------------------|

Drainage according to DIN 4095

| | | | | | |
|--------|--------------------------|-----------------------------------|--------------------------|-------------------------------|--------------------------|
| exists | <input type="checkbox"/> | planned accord. to Bill of Quant. | <input type="checkbox"/> | non accord. to Bill of Quant. | <input type="checkbox"/> |
|--------|--------------------------|-----------------------------------|--------------------------|-------------------------------|--------------------------|

Water impact class

| | | |
|--|--|---|
| W1.1-E, Situation 1 <input type="checkbox"/> | W1.1-E, Situation 2 <input type="checkbox"/> | W1.2-E <input type="checkbox"/> |
| Lower edge waterproofing level \geq 50 cm above groundwater level / high water level Ground moisture for floor slabs (highly permeable ground) | Lower edge waterproofing level \geq 50 cm above groundwater level / high water level Ground moisture non-pressing water for walls in contact with the ground and floor slabs (highly permeable ground) | Lower edge waterproofing level \geq 50 cm above groundwater level / high water level Ground moisture/non-pressing water for walls in contact with the ground and floor slabs (only slightly permeable ground with drainage according to DIN 4095) |
| W2.1-E, Situation 1 <input type="checkbox"/> | W2.1-E, Situation 2 <input type="checkbox"/> | W2.1-E, Situation 3 <input type="checkbox"/> |
| Backwater up to 3 m Embedding depth max. 3m | Groundwater up to 3 m Any embedding depth | High water up to 3 m Embedding depth max. 3 m |
| W3-E <input type="checkbox"/> | W4-E <input type="checkbox"/> | |
| Non-pressing water on earth-covered ceilings | Splash water at the wall base/capillary water in and below walls | |

Substrate wall

| | | | | | |
|------------------|--------------------------|-------------------|--------------------------|-------------------------------|--------------------------|
| Masonry - smooth | <input type="checkbox"/> | porous aggregates | <input type="checkbox"/> | profiled | <input type="checkbox"/> |
| Concrete | <input type="checkbox"/> | rendered surface | <input type="checkbox"/> | other | <input type="checkbox"/> |
| | | | | Waterproof concrete structure | <input type="checkbox"/> |

Substrate ground

| | | | |
|----------|--------------------------|-------------------------------|--------------------------|
| Concrete | <input type="checkbox"/> | Waterproof concrete structure | <input type="checkbox"/> |
|----------|--------------------------|-------------------------------|--------------------------|

Floor slab

| | | | |
|---------------|--------------------------|-------|--------------------------|
| With overhang | <input type="checkbox"/> | flush | <input type="checkbox"/> |
|---------------|--------------------------|-------|--------------------------|

Cross-section waterproofing

| | | | | | |
|-------------------|--------------------------|---|--------------------------|-------|--------------------------|
| Damp-proof course | <input type="checkbox"/> | crack-bridging mineral waterproofing slurry | <input type="checkbox"/> | other | <input type="checkbox"/> |
|-------------------|--------------------------|---|--------------------------|-------|--------------------------|

Preparation of the substrate

| | | | |
|---|--------------------------|--|--------------------------|
| Surfaces cleaned | <input type="checkbox"/> | Indentations > 5 mm closed with mortar | <input type="checkbox"/> |
| Foundation projection / face side abrasive mechanical pre-treated/cleaned | <input type="checkbox"/> | Thin render produced | <input type="checkbox"/> |
| Edges bevelled | <input type="checkbox"/> | Scratch coat, pipes filled | <input type="checkbox"/> |
| Projecting horizontal barrier removed | <input type="checkbox"/> | Protection against the action of water from behind | <input type="checkbox"/> |

Primer

| | | | |
|-------------------------|----------------------|-------------------------------------|----------------------|
| Designation of product: | _____ | Quantity used in l/m ² : | <input type="text"/> |
| Degree of dilution: | <input type="text"/> | Produced on: | <input type="text"/> |

Sealing cove

Made of bituminous thick coating
 Made of BORNIT® Triangle Tape

Made of mortar
 Designation of product: _____

Produced on:

Surface waterproofing

Thick coating used: _____ Layer of reinforcement
 1st layer applied on: _____ 2nd layer applied on: _____
 Required wet layer thickness: _____ consumption in l/kg per m²: _____

Joint / Sealing tape

Designation of product: _____ adhered with: _____
 prepared on: _____

Protection measures

taken specification: _____

Protective layer

Protective panel used: _____ adhered:
 Adhesive used: _____ prepared on: _____

Drainage layer (vertical drainage)

Drainage panel used: _____ adhered
 Drainage mat used: _____

Perimeter insulation

Insulating panel used: _____ over the entire surface
 Adhesive used: _____ selectively

Check of the wet layer thickness

Measurement of the wet layer thickness (at least 20 measurements per object or 20 measurements per 100 m², resp.)

| | 1st application (in mm) | 2nd application (in mm) |
|--------------------|-------------------------|-------------------------|
| Measurement No. 1 | | |
| Measurement No. 2 | | |
| Measurement No. 3 | | |
| Measurement No. 4 | | |
| Measurement No. 5 | | |
| Measurement No. 6 | | |
| Measurement No. 7 | | |
| Measurement No. 8 | | |
| Measurement No. 9 | | |
| Measurement No. 10 | | |
| Measurement No. 11 | | |
| Measurement No. 12 | | |
| Measurement No. 13 | | |
| Measurement No. 14 | | |
| Measurement No. 15 | | |
| Measurement No. 16 | | |
| Measurement No. 17 | | |
| Measurement No. 18 | | |
| Measurement No. 19 | | |
| Measurement No. 20 | | |

If you have no test card available, copy the example onto cardboard or heavy paper and cut it to size.



Test card to determine the wet-layer thickness of PMBC according to EN 15 814 / DIN 18 533

Test card-No:

At least 20 test per 100 m² surface
 (Documentation required for W2.1-E)

Examiner: _____



Check for thorough drying

Reference sample set up on: _____

Reference sample checked for thorough drying:

- 1. date: _____ Thoroughly dried
- 2. date: _____ Thoroughly dried
- 3. date: _____ Thoroughly dried
- 4. date: _____ Thoroughly dried
- 5. date: _____ Thoroughly dried

Note / Special features / Additional appendixes, if applicable:

 Place, date Name and signature of the executor

 Place, date Name and signature of the site management