PROTOCOL

Processing of polymer modified bitumen thick film sealants (PMB) according to DIN 18195

Construction site: _____

Client: _____

Contractor: _____

_____

Processing date: _____

Product used:

KÖSTER Deuxan® 2C	❑	KÖSTER Bikuthan® 2C	❑
KÖSTER Deuxan® Professional	❑	KÖSTER Bikuthan® 1C	❑

Object specific Data:

Air temperature _____ °C		Building surface temp. _____ °C		Relative humidity _____ %	
sunny ❑	clouded ❑	rainy ❑	foggy ❑	lightly windy ❑	very windy ❑
Soil conditions		non binding (e.g. sand / gravel) ❑		binding (e.g. loam / clay) ❑	

Load case:

Moist soil / non-pressurized seepage	❑
Pressurized seepage	❑
Non-pressurized water (moderate stress)	❑
Non-pressurized water (strong stress)[1]	❑
Pressurized water [2]	❑

[1] + [2] (according to the DIN 18195 not approved)

stipulated

According to the VOB, part C of the DIN 18336, waterproofing with KMB is to be in the contract.
Upon deviation from the DIN 18195 (e.g. in the load case “pressurized water “ the client is to be expressly notified in writing.

Drainage according to the DIN 4095

none ❑	planned ❑	existing ❑

Preparation of the substrate to be waterproofed

Vertical areas cleaned ❑

Horizontal areas cleaned ❑

Substrate dried Method: _____ ❑

Edges chamfered ❑

Blowholes and surface defects > 5 mm closed and smoothed with KÖSTER Repair Mortar Plus mixed with KÖSTER SB Bonding Emulsion ❑

KÖSTER Polysil® TG 500 applied undiluted as primer, ❑

Other primer: _____

Fillets

made from e.g. KÖSTER Repair Mortar / KÖSTER SB Bonding Emulsion ❑

made from KMB ❑

Material /Batch Nr. _____

Filling blowholes and surface defects < 5 mm with KMB ❑

Material / Batch Nr. _____

Area waterproofing Material / Batch Nr. _____

Reinforcement with a fabric matt (e.g. KÖSTER Glass Fiber Mesh)

yes ❑ no ❑

Minimum wet layer thickness _____mm (total layer thickness)

Reference sample made and stored in work area yes ❑ no ❑

Protection layer yes ❑ no ❑

KÖSTER Protection and Drainage Sheet 3-400 ❑

loosely laid ❑

Perimeter insulation

material: _____ thickness: _____

adhered ❑ yes ❑ no ❑

(when adhered: full area* ❑ lump method ❑)

*: full area adhesion is required

none ❑

Layer thickness control

According to the DIN 18195, Part 5 respectively 6, layer thickness testing and testing for curing are necessary. The number, location, and result are to be documented. A minimum of 20 measurements per object or 20 measurements per 100 m² of waterproofed area are required.

Measurement of the wet layer thickness

Measurement / Nr.	1. Application	2. Application	Total wet layer thickness
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Testing for curing

Testing of the drying is done on the reference sample

Test date _____ dried through yes ❑ no ❑

Test date _____ dried through yes ❑ no ❑

Test date _____ dried through yes ❑ no ❑

Note:
The dry layer thickness on the object is tested on wedges applied to test samples. The wedge cut method must result in a 3 mm dry layer thickness for moist soil / non-pressurized water and 4 mm for retained seepage / pressurized water.

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