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European Technical Assessment

ETA-13/0385 of 9 January 2026

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General Part

Technical Assessment Body issuing the
European Technical Assessment:

Deutsches Institut für Bautechnik

Trade name of the construction product

wedi Abdichtungssystem Bauplatte/Fundo

Product family
to which the construction product belongs

Watertight covering kits based on inherently watertight
boards for wet room floors and/or walls

Manufacturer

wedi GmbH
Hollefeldstraße 51
48282 Emsdetten
DEUTSCHLAND

Manufacturing plant

wedi GmbH
Hollefeldstraße 51
48282 Emsdetten
GERMANY

This European Technical Assessment
contains

9 pages including 3 annexes which form an integral part
of this assessment

This European Technical Assessment is
issued in accordance with Article 95(4) of
Regulation (EU) No 2024/3110, on the basis of

EAD 030437-00-0503

This version replaces

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Specific Part

1 Technical description of the product

The "wedi Abdichtungssystem Bauplatte/Fundo" is a watertight covering kit. based on inherently watertight boards for wet room floors and walls.

The kit consists of the following components:

- Watertight boards "wedi Bauplatte" for walls and floors on the basis of an extruded polystyrene foam (XPS), on both sides coated with a mortar on the basis of modified cement reinforced with a fiberglass mesh.

Main dimensions: Length: from 1250 mm to 2600 mm
 Width: from 600 mm to 1200 mm
 Thickness: from 4 mm to 100 mm

Other dimensions for length and width can be cut from the board.

- Watertight board "wedi Fundo" for floors on the basis of an extruded polystyrene foam (XPS), both sides coated with a mortar on the basis of modified cement reinforced with a reinforced with a fiberglass mesh. The board has an integrated slope in direction to the prefabricated penetration for the floor gully. The boards are available in different geometries (circle, square, quadrant, spiral) and sizes.

Main dimensions: Length: from 900 mm to 2400 mm
 Width: from 900 mm to 2400 mm
 Thickness: from 20 mm to 100 mm

Other dimensions for length and width can be cut from the board.

- Tile adhesives according EN 12004¹ for fixing the board on the substrate and the tiles on the waterproofing:

"wedi 320",	"SCHÖNOX CFK Plus",	"ARDEX 77",
"Mapei Keraflex S1",	"Sopro`s No.1",	"Alfix Universalfix",
"Mapei Adesilex P9",	"Sopro`s FF 450",	"SCHÖNOX PFK Plus",
"Sopro`s No.1 schnell".		

- Adhesive "wedi 610" for fixing the joint of the boards and the sealing details.

- Sealing tape "wedi Tools Dichtband", width: 100 mm or 120 mm.

- Sealing sleeves for corners, penetrations and floor gullies:

"wedi Tools Dichtecken", side length 120 mm.

"wedi Tools Dichtmanschetten", 120 x 120 mm or 250 x 250 mm.

The kit is intended to be used under a wearing surface, e. g., tiles. The wearing surface and its jointing material are not part of the kit, but are considered during the assessment of the intended use of the product. Pipes and floor gullies are also not part of the kit.

Annex A1 shows the system build-up, examples of the watertight boards and shower elements and the other components for sealing of details.

¹ EN 12004:2007+A1:2012 Adhesives for tiles - Requirements, evaluation of conformity, classification and designation

2 Specification of the intended use in accordance with the applicable European Assessment Document

The kit is intended for the waterproofing of floors and walls in indoor wet areas under a wearing surface at possible temperature of between 5 °C and 40 °C.

The following uses are intended:

- Floor and/or wall surfaces with only occasional direct exposure to water, e. g., at a good distance from shower or bathtub.
- Floor and/or wall in shower areas or around bathtubs used for a few showers daily, e. g., in ordinary dwellings, multifamily houses and hotels.
- Floor and/or wall surfaces with exposure to water more frequent or of longer duration than normally anticipated in dwellings, e. g., public wet rooms, schools and sport facilities.

The waterproofing system is intended to be used on flexible substrate e. g., plywood, chipboard, gypsum, anhydrite or similar material vulnerable to water and on rigid substrates e. g., masonry or concrete.

The product is used in connection with the following types of drains:

Stainless steel, plastics – type PE, PP and ABS – with flange for attaching of collar/waterproofing layer or with clamping ring and collar or prefabricated by wedi GmbH: plastic – type PBT/PC. It is up to the responsibility of the user to use suitable products of the given type.

The performances given in Section 3 are only valid if the watertight covering kit is used in compliance with the specifications and conditions given in Annex B and the installation instructions of the manufacturer stated in the technical documents².

The verifications and assessment methods on which this European Technical Assessment is based lead the assumption of working life of the watertight covering kit of 25 years. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

3 Performance of the product and references to the methods used for its assessment

3.1 Safety in case of fire (BWR 2)

Essential characteristic	Performance
Reaction to fire	see Annex A2

² The manufacturer's technical documents comprise all information necessary for the production and the installation of the product as well as for repair of the waterproofing made from that and it is deposited with DIBt.

3.2 Hygiene, health and the environment (BWR 3)

Essential characteristic	Performance
Content, emission and/or release of dangerous substances	see Annex A2
Vapour permeability	see Annex A2
Water tightness	see Annex A2
Crack bridging ability	see Annex A2
Bond strength	see Annex A2
Scratching resistance	see Annex A2
Joint bridging ability	see Annex A2
Impermeability at sealings	see Annex A2
Dimensional stability	see Annex A2
Water tightness around penetration	see Annex A2
Resistance to temperature	see Annex A2
Resistance to mechanical wear	see Annex A2
Resistance to alkalinity	see Annex A2

3.3 Safety and accessibility (BWR 4)

Essential characteristic	Performance
Slipperiness	see Annex A2
Cleanability	see Annex A2
Thickness	see Annex A2

3.4 General aspects

The verification of durability and serviceability is only ensured if the specifications of intended use according to Annex B and the specifications of the technical file of the manufacturer are kept.

4 Assessment and verification of constancy of performance (AVCP) system applied, with reference to its legal base

In accordance with EAD 030437-00-0503, the applicable European legal act is: 2003/665/EC.

The system to be applied is: 2+

In addition, with regard to reaction to fire for products covered by this EAD the system to be applied is: 3

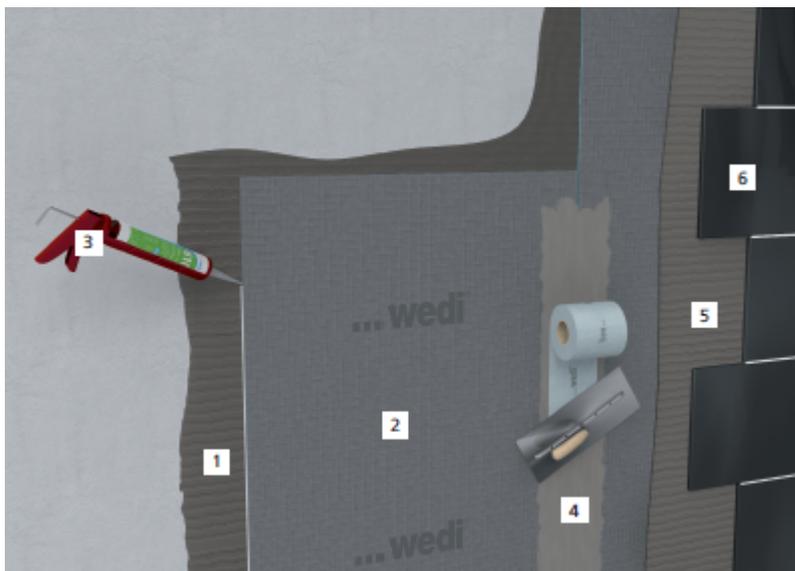
5 Technical details necessary for the implementation of the AVCP system, as provided for in the applicable EAD

Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited with Deutsches Institut für Bautechnik.

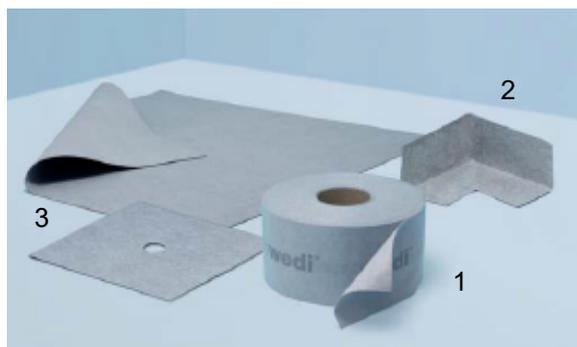
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Bettina Hemme
Head of Section

beglaubigt:
Hannoun



- 1 Adhesive (see Annex A2)
- 2 Watertight board
"wedi Bauplatte"
- 3 Sealing mass "wedi 610" for
the joints between the boards
and for bonding the sealing
details
- 4 Sealing tape
"wedi Tools Dichtband"
- 5 Tile adhesive (see Annex A2)
- 6 Wearing surface (e. g., tiles)
(not part of the kit)



- 1 Sealing tape "wedi Tools
Dichtband", width: 120 mm
- 2 "wedi Tools Dichtecken", side
length 120 mm
- 3 "wedi Tools
Dichtmanschetten",
120 x 120 mm or
250 x 250 mm
- 4 Sealing mass for the joints of
the boards "wedi 610"

Examples of "wedi Fundo":



wedi Abdichtungssystem Bauplatte/Fundo
wedi GmbH

System build-up and components

Annex A1

Working life	25 years
Essential characteristic	Performance
Reaction to fire EN 13501-1	Class E
Content, emission and/or release of dangerous substances ^{a)}	
Component: Tile adhesive (CE-marked)	According to EN 12004
All other components:	No performance assessed
Vapour permeability (23 °C – 50/93 % r. h.)	($\mu \approx 135$)
d = 4 mm	$s_d \approx 0.7$ m
d = 20 mm	$s_d \approx 2.6$ m
Water tightness	Watertight
Crack bridging ability	Category 1: Crack width 0.4 mm
Bond strength using the tile adhesives:	
"SCHÖNOX CFK Plus", "Sopro`s No.1", "SCHÖNOX PFK Plus"	Category 1: Bond strength ≥ 0.2 MPa
"Wedi 320"; "Mapei Keraflex S1"; "Mapei Adesilex P9", "Sopro`s No.1 schnell", "ARDEX 77", "Alfix Universalfix", "Sopro`s FF 450"	Category 2: Bond strength ≥ 0.3 MPa
Scratching resistance	No performance assessed (not relevant ^{b)})
Joint bridging ability	Can bridge joints (watertight, joint width 2 mm)
Impermeability at sealings	Watertight
Dimensional stability	Longitudinal / transversal: ± 0.1 %; Thickness: ± 0.5 %
Water tightness around penetrations (according to Annex A and Annex F of EAD 030352-00-0503)	Watertight (on flexible and rigid substrates)
Resistance to temperature (2 weeks at 70° C)	Stiffness: ± 10 %; Flexural bending: ± 20 % (Bond strength ≥ 0.2 MPa resp. 0.3 MPa)
Resistance to mechanical wear	No performance assessed (not relevant ^{b)})
Resistance to alkalinity	Category 2: Bond strength ≥ 0.3 MPa
Slipperiness	No performance assessed (not relevant ^{b)})
Cleanability	No performance assessed (not relevant ^{b)})
Thickness	
"wedi-Bauplatte"	4 mm - 100 mm
"wedi-Fundo"	20 mm - 100 mm
^{a)} Release scenarios regarding BWR 3: IA 2. ^{b)} Not relevant for a waterproofing beneath a protection layer.	
wedi Abdichtungssystem Bauplatte/Fundo wedi GmbH	Annex A2
Performances of the product	

Installation

The levels of use categories and the performance of the waterproofing kit can be assumed only, if the installation is carried out according to the installation instructions stated in the technical file of the manufacturer, in particular taking account of the following points:

- installation by appropriately trained personnel,
- installation of only those components which are specified components of the kit,
- installation with the required tools and adjuvant,
- precautions during installation,
- inspecting the substrate surface for cleanliness and correct treatment,
- inspecting during installation and of the finished watertight membrane and documentation of the results.

wedi Abdichtungssystem Bauplatte/Fundo
wedi GmbH

Intended use
Specifications for the installation

Annex B