

Public-law institution jointly founded by the federal states and the Federation

European Technical Assessment Body  
for construction products



## European Technical Assessment

ETA-25/1154  
of 24 February 2026

English translation prepared by DIBt - Original version in German language

### General Part

Technical Assessment Body issuing the European Technical Assessment:

Deutsches Institut für Bautechnik

Trade name of the construction product

Kaubit TT-Flex System

Product family to which the construction product belongs

Liquid applied watertight covering kits for wet room floors and/or walls

Manufacturer

Kaubit AG  
Industriestraße 1  
49413 Dinklage  
GERMANY

Manufacturing plant

Kaubit AG  
Industriestraße 1  
49413 Dinklage

This European Technical Assessment contains

11 pages including 6 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 030352-00-0503

The European Technical Assessment is issued by the Technical Assessment Body in its official language. Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and shall be identified as such.

Communication of this European Technical Assessment, including transmission by electronic means, shall be in full. However, partial reproduction may only be made with the written consent of the issuing Technical Assessment Body. Any partial reproduction shall be identified as such.

This European Technical Assessment may be withdrawn by the issuing Technical Assessment Body, in particular pursuant to information by the Commission in accordance with Article 36(3) of Regulation (EU) No 2024/3110.

## Specific Part

### 1 Technical description of the product

"Kaubit TT-Flex System" is a liquid applied watertight covering kit for wet room floors and walls. It consists of the following components:

- Primer "Kaubit Primer" type:  
"UKD 200" or  
"Super Primer" on the basis of styrene-butadiene.
- Liquid-applied waterproofing:  
Cement-based and polymer-modified, two-component waterproofing slurry  
"Kaubiflex FA Sealing Slurry 2K TT-Flex".
- Sealing tape "Kaubit FA Sealing Tape" type:  
"NG",  
"NV",  
"NVV" or  
"PEVV".
- Internal and external sealing corner "Kaubit FA Inside/Outside Corner" type:  
"NG",  
"NVV" or  
"PEVV".
- Sealing sleeve for walls (e. g., pipe penetrations) "Kaubit FA Wall Sleeve" type:  
"NG",  
"NV",  
"NVV" or  
"PEVVN".
- Sealing sleeve for floors (e. g., drains) "Kaubit FA Floor Sleeve" type:  
"NG",  
"NV",  
"NVV",  
"PEVVN" or  
"Butyl".
- Adhesive for tiles according to EN 12004<sup>1</sup> on the basis of cement mortar: "Sakret FFK".

The kit is intended to be used under a wearing surface, e. g., tiles. The wearing surface and the 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 themselves are not part of the kit.

Annexes A2 to A5 show the system build-up and the components for sealing of details.

<sup>1</sup> 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 or plastics – type PP or PE – with flange for attaching of collar/waterproofing layer or with clamping ring and collar. It is up to the responsibility of the user to use suitable products of the given types.

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 documents<sup>2</sup>.

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 A1

### 3.2 Hygiene, health and the environment (BWR 3)

Essential characteristic	Performance
Content, emission and/or Release of dangerous substances:	See Annex A1
Vapour permeability	See Annex A1
Watertightness	See Annex A1
Crack bridging ability	See Annex A1
Bond strength	See Annex A1
Scratching resistance	No performance assessed (not relevant)
Joint bridging ability	See Annex A1

<sup>2</sup> 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.

Essential characteristic	Performance
Watertightness around penetration	See Annex A1
Resistance to temperature	See Annex A1
Resistance to water	See Annex A1
Resistance to alkalinity	See Annex A1
Resistance to mechanical wear	No performance assessed (not relevant)

### 3.3 Safety and accessibility in use (BWR 4)

Essential characteristic	Performance
Slipperiness	No performance assessed (not relevant)
Reparability	No performance assessed
Thickness	See Annex A1

### 3.4 General aspects

The verification of durability and serviceability is part of testing the essential characteristics. The Durability and serviceability are only ensured if the specifications of intended use according to Annex B and the specifications of the technical documents 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 No. 030352-00-0503, 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.

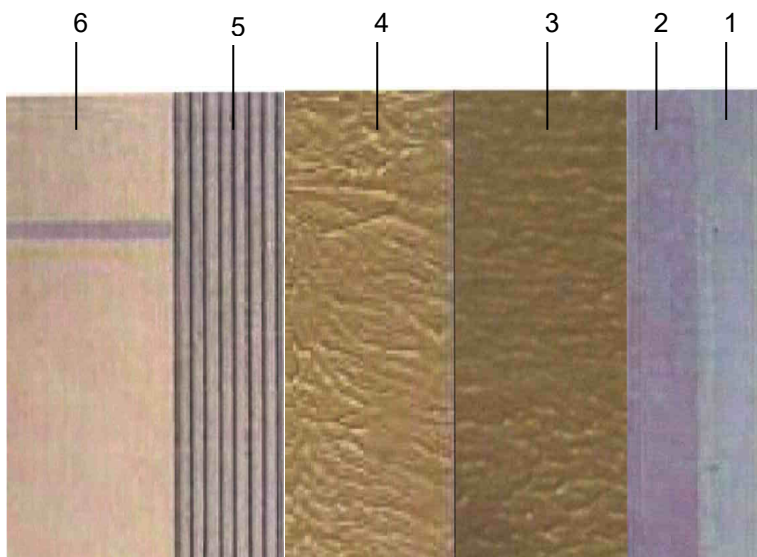
Issued in Berlin on 24 February 2026 by Deutsches Institut für Bautechnik

Bettina Hemme  
Head of Section

*beglaubigt:*  
Hannoun

<b>Working life</b>	25 years
<b>Essential characteristic</b>	<b>Performance</b>
<b>Reaction to fire</b> EN 13501-1	Class E
<b>Content, emission and/or release of dangerous substances</b> <sup>a)</sup>	
Component: Tile adhesive (CE-marked)	According to EN 12004
All other components:	No performance assessed
<b>Vapour permeability</b> (Water vapour diffusion-equivalent air layer thickness) "Kaubiflex FA Sealing Slurry 2K TT-Flex" (approx. 3 mm thick; 23 °C – 75/100 % r. h.)	$s_d \approx 3.7 \text{ m}$
<b>Water tightness</b>	Watertight
<b>Crack bridging ability</b>	Category 1: Crack width 0.4 mm
<b>Bond strength</b> With the tile adhesive "Sakret FFK"	Category 2: Bond strength $\geq 0.5 \text{ MPa}$
<b>Scratching resistance</b>	No performance assessed <sup>b)</sup>
<b>Joint bridging ability</b> By using the sealing tapes "NVV" or "PEVV"	Can bridge joints (watertight, joint width 2 mm)
<b>Water tightness around penetrations</b> (Tests according to Annex A and Annex F of EAD)	Watertight (on flexible and rigid floors and walls)
<b>Resistance to temperature</b>	Category 2: Bond strength $\geq 0.5 \text{ MPa}$ + Crack width 0.4 mm
<b>Resistance to water</b>	Category 2: Bond strength $\geq 0.5 \text{ MPa}$
<b>Resistance to alkalinity</b>	Category 2: Bond strength $\geq 0.5 \text{ MPa}$
<b>Resistance to mechanical wear</b>	No performance assessed <sup>b)</sup>
<b>Slipperiness</b>	No performance assessed <sup>b)</sup>
<b>Reparability</b>	No performance assessed
<b>Thickness</b> Minimum layer thickness of the waterproofing layer	2.0 mm
<sup>a)</sup> Release scenarios regarding BWR 3: IA 2. <sup>b)</sup> Not relevant for a waterproofing beneath a protection layer.	
<b>Kaubit TT-Flex System</b> Kaubit AG	Annex A1
<b>Levels of use categories and performances of the product</b>	

**System built-up**



- 1) Substrate
- 2) "Kaubit Primer UKD 200" or " Super Primer"
- 3) 1<sup>st</sup> layer "Sealing Slurry 2K TT-Flex"
- 4) 2<sup>nd</sup> layer "Sealing Slurry 2K TT-Flex"
- 5) Tile adhesive "Sakret FFK"
- 6) Tiles (not part of the kit)

**Sealing tapes**



"Kaubit FA Sealing Tape NG", width 120 mm



"Kaubit FA Sealing Tape NV", width 120 mm

"



"Kaubit FA Sealing Tape NVV", width 120 mm



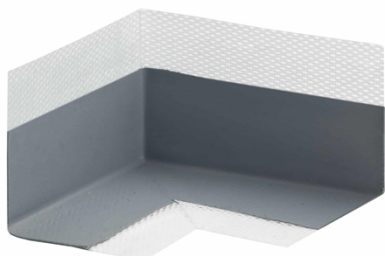
"Kaubit FA Sealing Tape PEVV", width 120 mm

**Kaubit TT-Flex System**  
Kaubit AG

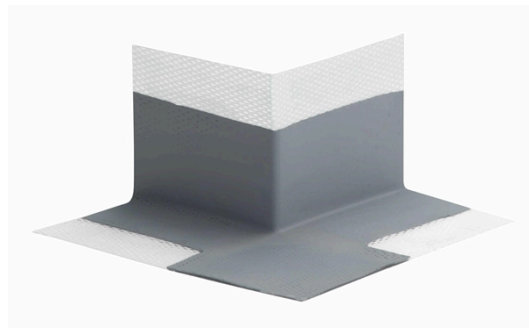
**System built-up, components**

Annex A2

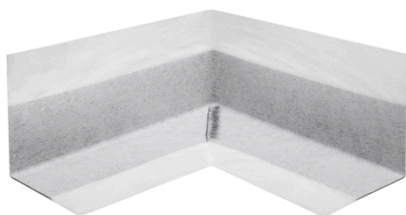
**Internal/external corners**



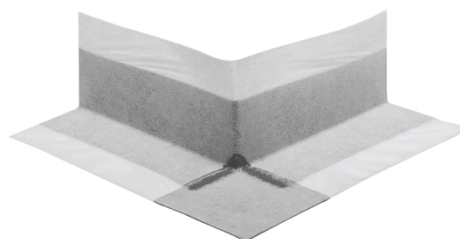
"Kaubit FA Inside Corner NG"



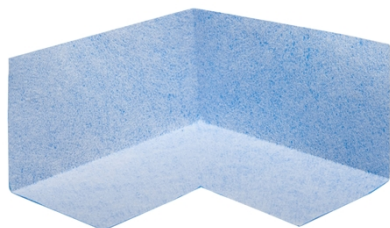
"Kaubit FA Outside Corner NG"



"Kaubit FA Inside Corner NVV"



"Kaubit FA Outside Corner NVV"



"Kaubit FA Inside Corner PEVV"



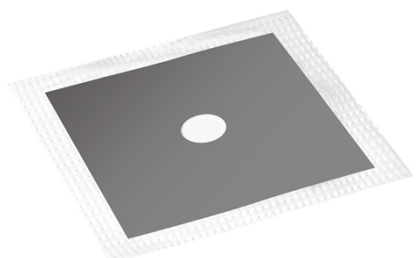
"Kaubit FA Outside Corner PEVV"

**Kaubit TT-Flex System**  
Kaubit AG

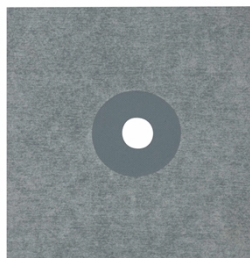
**Components**

Annex 3

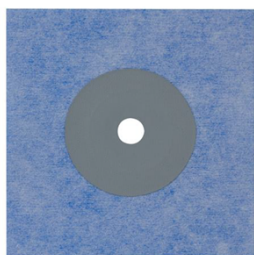
### Sealing sleeves for walls



"Kaubit FA Wall Sleeve NG"  
"Kaubit FA Wall Sleeve NV"  
100 x 100 mm to 200 x 200 mm



"Kaubit FA Wall Sleeve NVV"  
100 x 100 mm to 200 x 200 mm



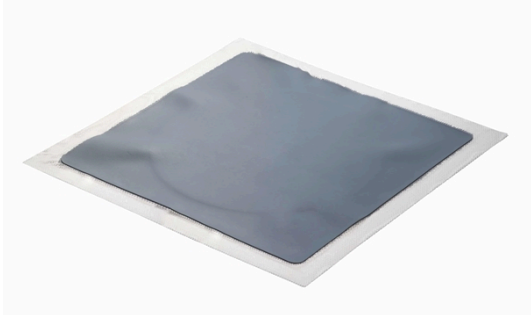
"Kaubit FA Wall Sleeve PEVVN"  
120 x 120 mm to 200 x 200 mm

**Kaubit TT-Flex System**  
Kaubit AG

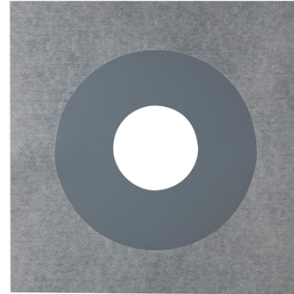
**Components**

Annex A4

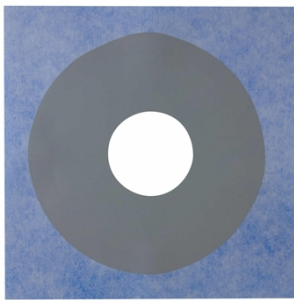
**Sealing sleeve for floors:**



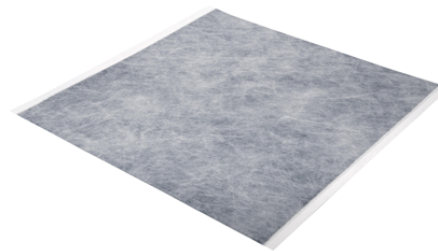
"Kaubit FA Floor Sleeve NG"  
"Kaubit FA Floor Sleeve NV"  
350 x 350 mm to 400 x 400 mm



"Kaubit FA Floor Sleeve NVV"  
350 x 350 mm



"Kaubit FA Floor Sleeve PEVVN"  
330 x 330 mm



"Kaubit FA Butyl Sleeve"  
370 x 370 mm

**Description of types of the components:**

- "NG": Made of NBR rubber, reinforced with mesh.
- "NV": Made of NBR rubber, one-side backed with fleece.
- "NVV": Made of NBR rubber, both-side backed with fleece.
- "PEVV" Made of polyethylene, both-side backed with fleece.
- "PEVVN": Made of polyethylene, both-side backed with fleece, and with a flexible expansion zone made of NBR rubber.

**Kaubit TT-Flex System**  
Kaubit AG

**Components**

Annex A5

### 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.

<b>Kaubit TT-Flex System</b> Kaubit AG	Annex B
<b>Intended use</b> Specifications for the installation	