



Kiwa Nederland B.V.

Sir Winston Churchilllaan 273
NL-2288 EA Rijswijk
Postbus 70
NL-2280 AB Rijswijk

Tel.: +31 (0)88 998 44 00
Fax: +31 (0)88 998 44 20
E-mail: info@kiwa.nl



European Technical Assessment

ETA-24/0601
of 25-07-2024

General Part

Technical Assessment Body issuing the European Technical Assessment:

Kiwa Nederland B.V.

Trade name of the construction product

SAKRET HYDROFLEX

Product family to which the construction product belongs

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

Manufacturer

Ltd Sakret Plus

Ritvari
Rumbula
Stopinu parish
Ropazu county
LV-2121
LATVIA

Manufacturing plant

Ltd. Sakret Plus

Ritvari
Rumbula
Stopinu parish
Ropazu county
LV-2121
LATVIA

This European Technical Assessment contains

7 pages including 1 Annex which form an integral
part of this assessment

This European Technical Assessment is issued in accordance with Regulation (EU) No 305/2011, on the basis of

EAD-030352-00-0503 Liquid applied watertight
covering kits for wet room floors and/ or walls

Translations of this European Technical Assessment in other languages shall fully correspond to the original issued document and should be identified as such. Communication of this European Technical Assessment, including transmission by electronic means, shall be in full (excepted the confidential Annex(es) referred to above). However, partial reproduction may be made, with the written consent of the issuing Technical Assessment Body. Any partial reproduction has to be identified as such.

Specific parts

1. Technical description of the product

SAKRET HYDROFLEX is a liquid applied watertight covering kit for wet room floors and/ or walls. The kit consists of the following components:

Sakret OAD Elastic water proofing membrane:

1-component, dispersion-based waterproofing membrane

Sakret OAD Primer:

1-component aqueous dispersion-based product, which provides water-vapour tight features

Sakret D:

sealing tape based on a thermoplastic elastomer with double-faced laminated polypropylene fleece (yellow)
(width:120 mm)

Sakret DIN:

inside corner based on a thermoplastic elastomer with double-faced laminated polypropylene fleece (yellow)

Sakret DEX:

outside corner based on a thermoplastic elastomer double-faced laminated polypropylene fleece (yellow)

Sakret DW +:

sealing sleeve made of polyethylene with double-faced laminated poly-propylene fleece (yellow)
hole diameter: 10 mm - 24 mm

SAKRET DB:

sealing sleeve made of polyethylene with double-faced laminated poly-propylene fleece (yellow)
dimensions: 350 mm x 350 mm

The sealing kit *SAKRET HYDROFLEX* was tested with the following tile adhesives:

Product	CE-Classification (DIN EN 12004-2: 2017) *
SAKRET FFK	C2 TE S1
SAKRET FKW	C2 TE
SAKRET FKe	C2 TE

*Classification according to DIN EN 12004-1 (05.2017)

2. Specification of the intended use in accordance with the applicable European Assessment Document (EAD-030352-00-0503:2019-01)

The intended use of the covering kit:

- Indoor applications, where the kit is not exposed to temperatures (i.e. temperature of structure) below 5 °C and above 40 °C, in the following uses:
 - Floor and/or wall surfaces with only occasional direct exposure to water, e.g. at a good distance from shower or bathtub.
 - Floors and/or walls in shower areas or around bathtubs used for a few showers daily, e.g. in ordinary dwellings, multi-family 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 various intended uses indicated above do not lead to different assessment criteria and the ETA will cover all intended uses. However the use may be limited due to national legislation in the member states.

The sealing kit is intended to be used on flexible and rigid substrates which can be moisture sensitive and non-moisture sensitive. Gullies and ceramic tiles are not part of the kit. It is up to the responsibility of the user to use suitable products.

The provisions and the verification and assessment methods included or referred to in this EAD have been written based upon the assumed working life of the watertight covering kits for the intended use of 25 years, provided that the watertight coverings kit is subject to appropriate installation, use and maintenance. These provisions are based upon the current state of art and the available knowledge and experience. "Assumed working life" means that it is expected that, when an assessment following the EAD-provisions is made and when this working life has elapsed, the real working life may be, in normal use conditions, considerably longer without major degradation affecting the essential requirements.

The indications given as to the working life of a watertight covering kit cannot be interpreted as a guarantee given by the producer or the approval body. They should be regarded only by the means of choosing the appropriate criteria for watertight covering kits 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

3.2 Essential Requirement 2: Safety in case of fire

Product characteristic	Performance
Reaction to fire	classification E according to EN ISO 11925-2

3.3 Essential Requirement 3: Hygiene, health and environment

Product characteristic	Performance
Release of dangerous substances	TSVOC 3 days: < 5 µg/ m ³ TSVOC 28 days: < 5 µg/ m ³ TVOC 3 days: 26.000 µg/ m ³ TVOC 28 days: 11.000 µg/ m ³
Vapour permeability Sakret OAD Elastic waterproofing membrane (23°C – 50/90% r.h.)	S _d = 1.02 m
Vapour permeability Sakret OAD Elastic waterproofing membrane + Sakret OAD Elastic primer (23°C – 50/90% r.h.)	S _d = 0.89 m
Water tightness	watertight
Crack bridging ability	category 1: 0.4 mm
Bond strength	category 2: ≥ 0.5 MPa
Scratching resistance	not relevant
Joint bridging ability	Passed
Watertightness around penetrations	category 2: watertight
Resistance to temperature	category 1: ≥ 0.5 MPa
Resistance to water	category 2: ≥ 0.5 MPa
Resistance to alkalinity	category 1: ≥ 0.3 MPa ≤ 0.5 MPa
Resistance to mechanical wear	not relevant

3.4 Essential Requirement 4: Safety in use

Product characteristic	Performance
Slipperiness	No performance determined
Reparability	Repairable
Thickness	0.8 mm/ kg
Durability of paint kits	Not relevant

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

The performance of the watertight membrane kit results from the characteristic values and categories. The supplementing statements of the manufacturer stated in the MTD for design and application of the watertight system for creating a watertight covering under wearing surface for floors and/or walls in indoor wet areas shall be considered.

The performance of the watertight membrane can be assumed only, if the following aspects are considered:

- Only those components which are specified components of the kit can be used
- The appropriate tools shall be used and adjuvant, precautions shall be taken
- Inspecting the substrate surface for cleanliness and correct treatment

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

Product	Intended use	Classification	System
Watertight covering kits for wet room floors and or walls	Indoor applications	-	2+
	According to the provisions to reaction of fire	E	3

5. Technical details necessary for the implementation of the AVCP system

Technical details necessary for the implementation of the AVCP system are laid down in the control plan which is deposited at the certification body.

Issued in Rijswijk on 25-07-2024 by



Ron Scheepers

Kiwa Nederland B.V.

Annex 1



Figure 1: Sakret OAD Elastic waterproofing membrane



Figure 2: Sakret OAD Primer



Figure 3: Sakret D

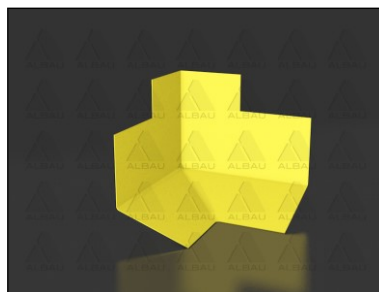


Figure 4: Sakret DIN

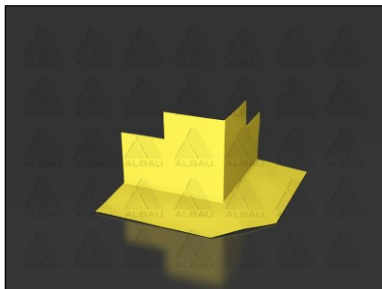


Figure 5: Sakret DEX

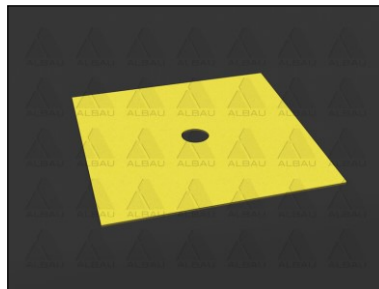


Figure 6: Sakret DW+



Figure 7: Sakret DB