



Kiwa Nederland B.V.
Sir Winston Churchillaan 273
Postbus 70
2280 AB RIJSWIJK

Tel. +31 88 998 44 00
Fax +31 88 998 44 20
Eota@kiwa.nl



Member of



www.eota.eu

European Technical Assessment

ETA-25/0974
of 21-10-2025

General Part

Technical Assessment Body issuing the European Technical Assessment:

Kiwa Nederland B.V.

Trade name of the construction product

Hydro Ban Sheet Membrane System

Product family to which the construction product belongs

Watertight covering kits based on flexible sheets for wet room floors and or walls

Manufacturer

LATICRETE NORDIC AS
Stanseveien 31
0976 Oslo
NORWAY

Manufacturing plant(s)

SE 352 211 064

This European Technical Assessment contains

6 pages including 1 Annex(es) which form an integral part of this assessment

Annex(es) 1 contain(s) confidential information and is/are not included in the European Technical Assessment when that assessment is publicly disseminated

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

EAD 0303436-00-0503:2019-03

Watertight covering kits based on flexible sheets for wet room floors and or walls

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Specific parts

1. Technical description of the product

1.1. General

Hydro Ban Sheet Membrane System is a watertight covering kit for wet room floors and/or walls based on flexible sheets. The kit consists of the following components:

Table 1.1.1: Flexible sheet membrane

Nr.	Laticrete component	Description
1	Hydro Ban Sheet Membrane	Sealing membrane based on extruded PE-barrier with both-sided PP-nonwoven coating

Table 1.1.2: Reinforced components

Nr.	Laticrete component	Description
1	Hydro Ban Preformed Corner Inner	Preshaped inside corner based on a trilaminate PE-barrier with both-sided PP-nonwoven coating
2	Hydro Ban Preformed Corner Outer	Preshaped outside corner based on a trilaminate PE-barrier with both-sided PP-nonwoven coating
3	Hydro Ban WPM Tape	Sealing tape based on trilaminate PE-barrier with both-sided PP-nonwoven coating
4	Hydro Ban Pipe Cuffs	Sealing cuff for pipe penetrations based on PU-barrier with both-sided PP-nonwoven coating
5	Hydro Ban FD Collar	Self-adhesive sealing cuff for floor drains based on butyl with one-sided PP-nonwoven coating

Table 1.1.3: Primer

Nr.	Laticrete component	Description
1	Primer Plus	Dispersion based primer

Table 1.1.4: Adhesive for the flexible sheet membrane

Nr.	Laticrete component	Description
1	Hydro Ban Sheet Membrane Adhesive	2-component, cementitious based adhesive

Table 1.1.5: Adhesive for overlaps

Nr.	Laticrete component	Description
1	Hydro Ban Adhesive & Sealant SMP	1-component, sealing assembly adhesive based on SMP
2	Hydro Ban Sheet Membrane Adhesive	2-component, cementitious based adhesive

Table 1.1.6: Adhesive for reinforced components

Nr.	Laticrete component	Description
1	Hydro Ban Adhesive& Sealant SMP	1-component, sealing assembly adhesive based on SMP
2	Hydro Ban Sheet Membrane Adhesive	2-component, cementitious based adhesive

Table 1.1.7: Surface sealing for joints and connection between the components

Nr.	Laticrete component	Description
1	Hydro Ban Adhesive& Sealant SMP	1-component, sealing assembly adhesive based on SMP
2	Hydro Ban Sheet Membrane Adhesive	2-component, cementitious based adhesive

1.2. Tile adhesives

The sealing kit **Hydro Ban Sheet Membrane System** was tested with the following tile adhesives:

Table 1.2.1: Tile adhesives

Nr.	Laticrete component	CE-Classification (according to EN 12004)
1	335 Maxi S	C2 TE S1
2	345 Super Flex	C2 TE S2

2. Specification of the intended use(s) in accordance with the applicable European Assessment Document (hereinafter EAD)

2.1. Intended use

The kit **Hydro Ban Sheet Membrane System** is intended to be used:

- 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 sealing kit can be used with the following types of floor gullies: Circular and rectangular gullies with varying location made from stainless steel or plastic type with flange connection of the membrane, with various clamping ring connections of the membrane (screwed-spring-without).

2.2. Assumed working life

The provisions made in this ETA are based on an assumed working life of 25 years, provided that:

- the products are properly designed and built,
- installation of the products is performed as per installation guide, under normal site conditions, by adequately trained installers,
- minor damages are repaired (for example damage caused by impact),
- Products are properly used and maintained.

These provisions are based upon the current technological state of the art and the available knowledge and experience.

In normal use conditions, the real working life may be considerably longer without major degradation affecting the basic requirements for construction works¹.

The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded as a means for choosing the right product in relation to the reasonable expected working life of the kit **Hydro Ban Sheet Membrane System**.

2.3. Manufacturing

The kit **Hydro Ban Sheet Membrane System** is manufactured in accordance with the provisions of the European Technical Assessment using the manufacturing process as laid down in the technical file. It is the responsibility of the manufacturer to ensure that all necessary information on design and installation is submitted to those responsible for design and execution of the construction.

2.4. Packaging, transport and storage

The kit **Hydro Ban Sheet Membrane System** shall be packed, transported and stored in accordance to the manufacturer's technical documentation to prevent damages or deterioration. Damaged products should not be used. It is the responsibility of the manufacturer that adequate information is clearly shown on the package and/or enclosed instruction sheet.

¹ The real working life of a product incorporated in a specific works depends on the environmental conditions to which that works are subject, as well as on the particular conditions of design, execution, use, and maintenance of that works. Therefore, it cannot be excluded that in certain cases the real working life of the product may also be shorter than the assumed working life.

2.5. Design and installation

For the kit **Hydro Ban Sheet Membrane System** the following shall be observed:

- The conditions for design and execution of the **Hydro Ban Sheet Membrane** into the works shall be taken from the manufacturer's technical documentation. Installation and handling shall be carried out by qualified employees and according to the manufacturers technical documentation.

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

3.1. BWR 2 – Safety in case of fire

Table 3.1.1 –BWR 2

Essential characteristic	Performance
Reaction to fire	NPD

3.2. BWR 3 – Hygiene, Health and environment

Table 3.2.1 – BWR 3

Essential characteristic	Performance	
Release of dangerous substances	NPD	
Vapour permeability (23°C – 50/94% r.h.)	Sd = 71,0 m	
Vapour permeability (23°C – 75/100% r.h.)	Sd = 70,0 m	
Watertightness	Watertight	
Crack bridging ability	NPD	
Bond strength	Category 3: $\geq 0,5$ MPa	
Scratching resistance	NPD (not applicable)	
Joint bridging ability	2 mm gap watertight	
Watertightness around penetrations	Annex A and Annex F: watertight	
Resistance to temperature	MD-direction	CMD-direction
	$\bar{x} = 280$ N	$\bar{x} = 134$ N
	A = 66,8 %	A = 52,0%
Resistance to water	Category 2: $\geq 0,4$ MPa	
Resistance to alkalinity	Category 1	
	MD-direction	CMD direction
	$\bar{x} = 283$ N	$\bar{x} = 130$ N
	A = 58,9 %	A = 51,3 %
Resistance to mechanical wear	NPD (not applicable)	
Joint strength	Hydro Ban Sheet Membrane Adhesive	Hydro Ban Sheet Adhesive&Sealant SMP
	181,0 N	173,0 N
Flexibility	NPD	

3.3. BWR 4 – Safety in use

Table 3.3.1 – BWR 4

Essential characteristic	Performance
Slipperiness	NPD (not applicable)
Cleanability	NPD (not applicable)
Thickness	0,47 mm

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

According to the decision 2003/665/EC of the European Commission the system of assessment and verification of constancy of performance are as follows:

Intended use	Level(s) or class(es)	System
Any use except uses subject to regulations on reaction to fire		2+

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

This ETA is issued for the kit **Hydro Ban Sheet Membrane System** on the basis of data/information deposited at Kiwa Nederland B.V. which identifies the product that has been assessed.

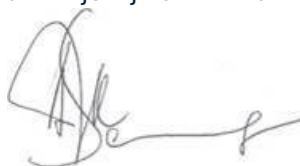
Changes to the product/production process, which could result in this deposited data/ information being incorrect, should be notified to the approval body before the changes are introduced. Kiwa Nederland B.V. will decide whether such changes affect the ETA and if so whether further assessment or alterations to the ETA shall be necessary.

Technical details necessary for the implementation of the AVCP system are laid down in the control plan, in accordance with Section 3.2 of EAD of EAD 030436-00-0503.

The control plan shall be handed over by the manufacturer to the notified body (bodies) involved in the assessment and verification of constancy of performance.

The tasks of the notified body are laid down in Section 3.3 of EAD of EAD 030436-00-0503.

Issued in Rijswijk on 21-10-2025 by



Ron Scheepers
Kiwa Nederland B.V.

LATICRETE HYDRO BAN® SHEET MEMBRANE SYSTEM - Oppbygging



- 1 Vegg - Gips, våtromsplate, puss, mm
- 2 Gulv - LATASTØP / LEVEL 550 mm
- 3 Primer - PRIMER PLUS / PRIMER SUPERIOR
- 4 Folie lim - HYDRO BAN® SHEET MEMBRANE ADHESIVE
- 5 Våtromsfolie - HYDRO BAN® SHEET MEMBRANE
- 6 Tettebånd - HYDRO BAN® WPM TAPE (PE-Bånd)
- 7 Mansjetter - HYDRO BAN® PIPE CUFF (Fleksibel rørmansjett)
- 8 Hjørnemansjett - HYDRO BAN® PREFORMED INNER CORNER
- 9 Selvklebende Slukmansjett - HYDRO BAN® FD COLLAR
- 10 Flislim - 335 MAXI S / 345 SUPER FLEX