



ARDEX SK 100 W

TRICOM sealing strip

- Waterproof
- Crack bridging
- Uniform layer thickness guaranteed
- Alkali-resistant
- Easy to process, easy to cut
- Quick continuation of work possible
- For producing a composite sealing in accordance with Technical Data Sheet 3 of the Austrian Tile Association



Area of application

Indoor and outdoor. Walls and floors.

For waterproofing wall and floor areas under tiles and slab coverings subject to stresses such as those found in shower rooms, bathrooms, shower areas above bathtubs, sanitary rooms, swimming pools, on balconies and terraces, as well as chemically stressed areas such as commercial kitchens.

Tested in accordance with the guidelines for European technical approval (ETAG 022) for waterproofing for walls and floors in wet rooms, Part 2: Waterproofing membranes.

In the system with

According to guideline EAD 030436-00-0503 (formerly ETAG 022-2), the tested "system" consists of the ARDEX SK 100 W waterproofing membrane and the following system products:

- ARDEX X 77 MICROTEC Flex Adhesive
- ARDEX 8+9 L sealing compound and sealing adhesive
- ARDEX CA 20 P SMP installation adhesive
- ARDEX SK 12 TRICOM sealing tape
- ARDEX SK 12 BT TRICOM tank sealing tape
- ARDEX SK-M TRICOM 15/30 Seal Collar
- ARDEX SK-M TRICOM 40/65 seal collar
- ARDEX SK-M TRICOM 70/100 Seal Collar

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- ARDEX SK-M TRICOM 75/130 Seal collar
- ARDEX SK-G TRICOM Pipe collar sleeve
- ARDEX SK 90 TRICOM inner corner 90°
- ARDEX SK 270 TRICOM external corner 270°

Applicable standards

ÖNORM B 3407 – Planning and execution of tile, slab and mosaic laying work: ARDEX SK 12 TRICOM sealing tape can be used for moisture exposure classes W1 – W6.

DIN 18534 – Waterproofing of indoor rooms: ARDEX SK 100 W can be used for water exposure classes W0-I, W1-I, W2-I and W3-I*. *) According to manufacturer's specifications with ETA according to ETAG 022.

DIN 18535 - Waterproofing of containers and pools: ARDEX SK 100 W can be used for waterproofing containers and pools indoors and outdoors in water exposure class W1-B.

DIN 18531 – Waterproofing of roofs, balconies, loggias and arcades: ARDEX SK 100 W can be used for waterproofing balconies and terraces in combination with tiles or slabs.

Tested in accordance with the guideline for European technical approval (ETAG 022) for waterproofing of walls and floors in wet rooms, Part 2: Waterproofing membranes. Approved by the building authorities for the production of composite sealing in high load wet areas of stress classes A, B and C in accordance with "Test principles for the issue of a general buildings inspectorate test certificate for sealing materials in combination with tile and slab coverings", Part 2: Sheet-like composite sealing.

Complies with the requirements of the Data Sheet

"Information on the execution of waterproofing in combination

Manufacturer with certified
QM/UM system according to
EN ISO 9001/14001

25.09.2025

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with tile and slab coverings for indoor and outdoor use", ZDB.
(Moisture exposure classes A, B, C, A0 and B0)

Art

ARDEX SK 100 W TRICOM waterproofing membrane consists of a polypropylene fleece laminated on both sides with a polyethylene film.

Preparation of the surface

The substrate must be dry, free of release agents and sufficiently load-bearing and rigid to support tiles and slab coverings. The surface must be sufficiently level to allow the ARDEX SK 100 W waterproofing membrane to be laid without voids.

Any necessary filling and levelling work must be carried out with ARDEX wall or floor levelling compounds before laying ARDEX SK 100 W.

If necessary, prime the substrate with ARDEX primers and allow to dry.

Processing

Bonding the sealing membrane with

- ARDEX X 77 MICROTEC flex adhesive or
- ARDEX 8 + 9 L sealing compound + sealing adhesive (mixing ratio adhesive consistency:
5.00 kg ARDEX 9 L reactive powder
+ 4.25 – 5.00 kg ARDEX 8 acrylate dispersion)

The waterproofing membranes are cut to size with scissors or a cutter knife before laying.

After cutting the sealing membrane to size, ARDEX X 77 or ARDEX 8 + 9 L is combed onto the substrate with a 3 mm notched trowel, or with a 4 mm notched trowel on rough substrates. Then lay the cut sealing sheet in the adhesive mortar while it is still fresh. Press the sheet down with a smoothing trowel and scrape it off so that no air pockets remain under the sheet.

It is recommended that this process be carried out from the centre of the sheet towards the edges. The individual sheets must be laid tightly against each other.

In the joint area, rework the sheet with ARDEX SK 12 TRICOM sealing tape. To do this, comb ARDEX 8 + 9 L sealing compound and reactive powder with a 3 mm block tooth trowel, embed the sealing tape in the still fresh adhesive mortar and smooth with a smoothing trowel so that there are no cavities under the sealing tape.

In the corner areas between wall and floor and between walls, the butt-jointed strips must be covered with ARDEX SK 12 TRICOM sealing tape as described above. First, embed the inner and outer corners of the ARDEX TRICOM sealing set in ARDEX 8 + 9 L in the corners.

Existing penetrations and floor gullies must be sealed with the seal collars or expansion zone collars listed in the ARDEX TRICOM sealing set in combination with ARDEX 8 + 9 L, as described above. For pipe penetrations, fill the connection area with ARDEX CA 20 P assembly adhesive. Then embed the seal collar directly with ARDEX 8 + 9 L.

In the joint area, the sealing tape, corners and collars must overlap the penetrations by at least 5 cm.

To create a composite sealing plus (according to Technical Data Sheet 3 from the Austrian Tile Association):

ARDEX SK 100 W sealing membrane (in accordance with ETAG 022) bonded with ARDEX 8 + 9 L sealing compound and sealing adhesive (in accordance with EN 14891) including the system components listed above and ARDEX SK 4 PROTECT cut protection tape.

Bonding the sealing membrane with ARDEX 8 + 9 L:

When bonding the sealing membrane with ARDEX 8 + 9 L, the individual strips can also be laid with an overlap.

To do this, apply ARDEX 8 + 9 L with a 3 mm notched trowel to the substrate and to the planned overlap area of at least 5 cm, ensuring that there are no gaps. When laying sheets with the entire sheet width, the distance marking – located approx. 6 cm from the edge – can be used as a guide for the minimum overlap. Further work, such as forming the edge joints and penetrations, must be carried out as described above.

Higher temperatures shorten, lower temperatures extend the drying and working time of the "sealing system".

Processing can take place at temperatures between +5°C and +30°C.

Laying tiles and slabs

Tiles and slabs can be laid on walls immediately after the waterproofing has been completed. On floors, allow ARDEX 8 + 9 L to harden for approx. 2 hours or ARDEX X 77 for approx. 1 day

for approx. 2 hours or ARDEX X 77 for approx. 1 day.

The following are suitable for preparing and laying tiles and slabs:

- ARDEX X 77 MICROTEC flex adhesive
- ARDEX X 77 S MICROTEC Flex adhesive, fast
- ARDEX X 78 MICROTEC Flex Adhesive
- ARDEX X 90 MICROTEC3 Flex Adhesive
- ARDEX FB 9 L pourable bed mortar
- ARDEX N 23 W NEW MICROTEC natural stone and tile adhesive, white
- ARDEX X 32 Flexible laying mortar
- ARDEX WA white epoxy adhesive

The application and processing instructions in the Technical Data Sheets must be observed.

Please note

Building waterproofing in accordance with DIN 18195 or ÖN B 3691 or ÖN B 3692, as required, for example, for terraces above inhabited rooms, cannot be replaced with ARDEX SK 100 W TRICOM waterproofing membrane. In case of doubt, carry out a trial application.

Note

The information in our safety data sheets must be observed.
For commercial use only!

Zusatzinformation

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a sealed state in

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accordance with applicable local/regional/national/ international regulations.

Technical data according to ARDEX quality standard

Colour	White with grey drop pattern	
Weight approx.	315 g/m ²	
Thickness	0.51 mm	
Web width approx.	1 m	
Resistance to temperature	-35°C to +90°C	
UV resistance	< 500 hours	
Bursting pressure	3.0 bar	
Crack bridging	> 0.4 mm	
Sd value	> 85 m	
Adhesive tensile strength	> 0.2 N/mm ²	
Elongation at break	Elongation at break	Direction/shift
	82.5% at 99.8 N/15 mm	Lengthwise
	73.7% at 46.5 N/15 mm	Across

Product details

EMICODE	EC 1 PLUS = very low emissions PLUS
Packaging	Box containing 1 roll; roll length 30 m or 10 m
Storage	Can be stored in cool, dry rooms for approx. 24 months in the original sealed container.



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CE 0432 0761 ARDEX GmbH Friedrich-Ebert-Str. 45 58453 Witten Germany 13 0761-CPD-0249	
ETA-11/0282 ETAG 022-2	
70293 ARDEX SK 100 W ETAG 022-2: Assessment Category II Watertight covering kits based on flexible sheets for walls and floors in interior wet rooms exposed to temperatures between 5°C and 40°C installed beneath a wearing surface Crack bridging ability: Bond strength: Joint bridging capability: Watertightness around penetrations: Resistance to temperature: Resistance to water: Resistance to alkalinity: Release of dangerous substances: Assessment Category 3: 1.5 mm Assessment Category 2: ≥ 0.3 MPa Assessment Category 2: watertight Assessment Category 2: watertight resistant to temperature Assessment Category 2: ≥ 0.3 MPa Assessment Category 2: resistant to alkalinity (50°C/16 weeks) NPD	