

Schluter®-KERDI

BONDED WATERPROOFING AND VAPOR-RETARDANT MEMBRANE

Schluter-KERDI is a pliable, sheet-applied ANSI A118.10-S waterproofing membrane and vapor-retarder designed for the direct application of tile. KERDI is ideal for use in tiled showers, bathtub surrounds, intermittent-use steam showers, and other tile applications in wet areas when installed with Schluter ALL-SET® mortar or other approved mortars. 3/8" x 3/8" (10 x 10 mm) gridlines printed on the surface are helpful for neat and quick cuts and installation.

Features and Benefits

- Waterproofing and vapor-retardant membrane
- Tile can be applied immediately after membrane is in place
- Thin and pliable for ease of installation
- Fleece webbing ensures tenacious bond with substrate and tile
- Meets the requirements for ANSI A118.10-S – sheet applied waterproofing membrane
- Part of a complete system including corners, banding, seals, niches, shower trays, etc.

Material

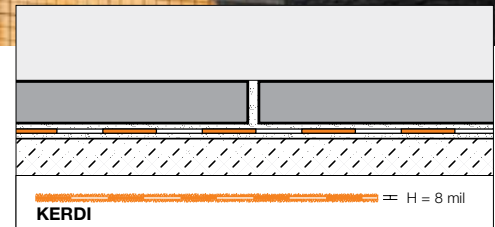
- KERDI features a modified polyethylene (PEVA) core with non-woven polypropylene on both sides.
- Material is physiologically safe and does not require special disposal.
- Complies with VOC requirements.

Where to Use

- Wall and floor surfaces where protection against moisture penetration is desired
- Shower walls, floors, and ceilings
- Bathtub surrounds
- Intermittent-use steam shower walls, floors, and ceilings
- Industrial applications such as food processing, breweries, and dairies
- In conjunction with KERDI waterproofing accessories and Schluter-Shower System products such as shower trays, drains, niches, etc.

Limitations

- Do not use as primary waterproofing for exterior applications
- Do not use for continuous-use steam rooms (use KERDI-DS instead)
- Do not use with moisture-sensitive stones such as green marble
- Do not use where hydrostatic pressure exists



8.1 Schluter®-KERDI

Allowable Substrates

- Gypsum wallboard
- Cement backer unit
- Fiber-cement backerboard
- Fiber-reinforced water-resistant gypsum backerboard
- Coated glass mat water-resistant gypsum backerboard
- Portland cement mortar
- Masonry (cement block, brick)
- Concrete (sufficiently cured for foot traffic)
- Cement levelers, mortar beds, render coats (cured)
- Magnesium board (floors only) (Contact Schluter-Systems Customer Service for more information)
- Schluter shower trays, niches, drains, and boards as per Technical Data Sheet for those products

Note: Primer may be required for some substrates. Contact Schluter-Systems Customer Service for more information.



Surface Preparation

- All substrates must be clean, stable, dry, and free of any material that may act as a bond breaker (drywall dust, curing compounds, paint overspray, oil, etc.).
- Remove bond breakers mechanically, do not use solvents or chemicals.
- Apply and cure only within the ambient air and surface temperatures and humidity ranges of the mortar being used.
- Ensure all surfaces are free of sharp edges, hardware, and protrusions. KERDI must not be punctured during or after installation.
- Gypsum-based levelers, existing well-bonded tile or vinyl, and other smooth substrates may require a primer. Contact Schluter-Systems Customer Service for more information.

Applying

- Use with Schluter SET, ALL-SET, FAST-SET, or an unmodified thin-set mortar.
- KERDI-FIX is required to bond the KERDI membrane to the stainless steel KERDI-DRAIN bonding flange and can be used to bond KERDI to building elements such as bathtubs, window elements, and door frames.
- Use KERDI waterproofing accessories to seal critical areas of the application. Accessories are only 4 mil thick to limit buildup.
 - KERDI-BAND is a waterproofing strip used to seal butt joints, corner joints, floor/wall connections, etc.
 - Seamless, preformed corners include: KERDI-KERECK-F for 90° inside and outside corners, KERDI-KERS-B for 135° corners at triangular shower benches and neo-angle shower

curbs, and KERDI-KERS for floor/wall/shower base connections in curbless shower applications.

- KERDI-SEAL-PS/-MV are prefabricated sections of KERDI with over-molded rubber gaskets used to seal pipe protrusions (-PS) and protect moisture-sensitive backing panels at the mixing valve (-MV).
- To seal expansion joints or flexible edge joints, use the KERDI-FLEX flexible waterproofing band. KERDI-FLEX is 12 mil thick.
- Contact Schluter-Systems for a copy of the Schluter-Shower System Installation Handbook (USA: 800-472-4588; Canada: 800-667-8746) or download it at schluter.com

Movement Joints

- KERDI does not eliminate the need for movement joints, including perimeter joints, within the tiled surface.
- For movement accommodation guidelines, refer to Method EJ171 of the Tile Council of North America Handbook.

Protection

- After installation, protect KERDI from foot traffic, spills, ladders, scissor lifts, etc.
- Mechanical attachments of items like shower doors and stall dividers must not puncture KERDI.
- Keep temperature and humidity within the range requirements of the mortar/grout selected for a minimum of 24 hours after tile installation and grouting.
- Do not store KERDI in direct UV light such as sunlight.
- Once installed and membrane is allowed to cure, perform complete flood testing. Tile installation is recommended within 72 hours.

Industry Standards and Sustainability Designations:

Product Performance Properties	
ANSI A118.10-S	Pass
ASTM E96 Procedure E	0.9 perms
ICC-ES Report No. ESR-2467 and PMG-1204	Pass
Product Characteristics	
Composition	Modified polyethylene (PEVA) core with non-woven polypropylene on both sides
Markings	Gridlines consisting of 3/8" x 3/8" (10 mm x 10 mm) squares printed on one side
Color	Orange
Storage Conditions	Membrane should be covered and stored at temperatures above freezing (32°F / 0°C) and away from UV exposure
Working Temperatures	Acclimated to between 40°F to 95°F (4°C to 35°C)
Sustainability Information	
VOC tested	LEED Compliant
SDS	Available
HPD	Available at Schluter.Ecomedes.com
EPD	Available at Schluter.Ecomedes.com



Product Table:



8.1 Schluter®-KERDI			Waterproofing membrane
Item No.	Width	Length	Area
KERDI 200/5M	3' 3" – 1 m	16' 5" – 5 m	54 ft ² – 5 m ²
KERDI 200/7M	3' 3" – 1 m	23' – 7 m	75 ft ² – 7 m ²
KERDI 200/10M	3' 3" – 1 m	33' – 10 m	108 ft ² – 10 m ²
KERDI 200/20M	3' 3" – 1 m	65' 7" – 20 m	215 ft ² – 20 m ²
KERDI 200	3' 3" – 1 m	98' 5" – 30 m	323 ft ² – 30 m ²
KERDI 200200/15M	6' 7" – 2 m	49' 2-1/2" – 15 m	323 ft ² – 30 m ²
KERDI 200200	6' 7" – 2 m	98' 5" – 30 m	646 ft ² – 60 m ²

Thickness: 8 mil



8.1 Schluter®-KERDI-BAND		Waterproofing band
Item No.	Width	Length
KEBA 100/125/5M	5" – 12.5 cm	16' 5" – 5 m
KEBA 100/125/10M	5" – 12.5 cm	33' – 10 m
KEBA 100/185/5M	7-1/4" – 18.5 cm	16' 5" – 5 m
KEBA 100/250/5M	10" – 25 cm	16' 5" – 5 m
KEBA 100/125	5" – 12.5 cm	98' 5" – 30 m
KEBA 100/185	7-1/4" – 18.5 cm	98' 5" – 30 m
KEBA 100/250	10" – 25 cm	98' 5" – 30 m

Thickness: 4 mil



8.1 Schluter®-KERDI-FLEX		Flexible waterproofing band
Item No.	Width	Length
FLEX 125/5M	5" – 12.5 cm	16' 5" – 5 m
FLEX 250/5M	10" – 25 cm	16' 5" – 5 m
FLEX 125/30	5" – 12.5 cm	98' 5" – 30 m
FLEX 250/30	10" – 25 cm	98' 5" – 30 m

Thickness: 12 mil



8.1 Schluter®-KERDI-KERECK-F		Preformed corner
Item No.	Description	Quantity
KERECK/FI 2	90° inside corner	2
KERECK/FI 10	90° inside corner	10
FLEX 125/30	90° outside corner	2
FLEX 250/30	90° outside corner	10

Thickness: 4 mil



8.1 Schluter®-KERDI-KERS-B		Preformed corner
Item No.	Description	Quantity
KERECK 135 FI 2	135° inside corner	2
KERECK 135 FI 10	135° inside corner	10
KERSB 135 K LR	135° outside corner	1 right + 1 left
KERSB 135 K 5LR	135° outside corner	5 right + 5 left
KERSB 135 K	135° corner kit	1 right + 1 left outside, and 2 inside

Thickness: 4 mil

**8.1 Schluter®-KERDI-KERS****Preformed corner**

Item No.	Description	Height
KERS 20 L	Left	3/4" – 20 mm
KERS 28 L	Left	1-3/32" – 28 mm
KERS 20 R	Right	3/4" – 20 mm
KERS 28 R	Right	1-3/32" – 28 mm

Thickness: 4 mil**8.1 Schluter®-KERDI-SEAL-PS****Pipe seal**

Item No.	Opening diameter	Quantity
KMS 172/12	1/2" – 12.5 mm	1
KMS 172/20	3/4" – 20 mm	1
KMS 10 172/12	1/2" – 12.5 mm	10
KMS 10 172/20	3/4" – 20 mm	10

Thickness: 4 mil**8.1 Schluter®-KERDI-SEAL-MV****Mixing valve seal**

Item No.	Opening diameter	Quantity
KMSMV 235/114	4-1/2" – 114 mm	1
KMSMV 10 235/114	4-1/2" – 114 mm	10

Thickness: 4 mil**Additional Resources Available Online:**

- Schluter-Shower System Installation Handbook
- Installation and Instructional Videos
- Product Estimators

Visit www.schluter.com/Membranes/Waterproofing/c/M-W

Or scan here:

**Warranties:**

Schluter-Systems products and systems are covered under our warranty program, as applicable. For details and to access Schluter-Systems' warranty documents:

Visit www.schluter.com/warranties

Or scan here:



To obtain hard copies, please contact Customer Service at: 800-472-4588 (USA) or 800-667-8746 (Canada).

