



PROFILE OF INNOVATION

Schluter®-KERDI-FIX



INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

SEALING AND BONDING COMPOUND

Application and Function

8.3 Schluter®-KERDI-FIX is a single-component, waterproof sealing and bonding compound with a silane-modified polymer base. KERDI-FIX can be used to waterproof pipe and valve protrusions in the Schluter®-Shower System in conjunction with the Schluter®-KERDI membrane and Schluter®-KERDI-BOARD. KERDI-FIX is required to bond the KERDI membrane to the stainless steel Schluter®-KERDI-DRAIN bonding flange and can be used to bond KERDI to building elements such as bathtubs, window elements, and door frames. KERDI-BOARD can be adhered with KERDI-FIX in various applications, such as countertops, partitions, and other building elements. KERDI-FIX is also suitable for use as a sealant or joint-filling compound.

Material Properties and Areas of Application

KERDI-FIX is odorless, weather- and UV-resistant. The product is elastomeric, free of solvents, and provides a strong bond to most materials, including wood, stone, concrete, metal, glass, and many synthetic materials. KERDI-FIX can be painted over with most alkyd resins or dispersion paint types. The suitability of the material must be verified based on the anticipated chemical, mechanical, and/or other stresses. KERDI-FIX is not recommended in or around swimming pool applications.

KERDI-FIX has been evaluated according to the "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1" for California Specification 01350 and found to comply with the VOC requirements.

California Specification 01350 is referenced by various green building standards and rating systems.

Installation

Bonding KERDI membrane

1. The surface where KERDI-FIX is to be applied must be clean and free of grease or other contaminants prior to KERDI-FIX application.
2. Apply KERDI-FIX to the substrate and spread evenly with an appropriate notched trowel.
3. Embed the KERDI in the KERDI-FIX and work the membrane onto the substrate to ensure full coverage and remove air pockets.
4. Remove fresh KERDI-FIX with a cleaning agent (e.g., mineral spirits); after any excess KERDI-FIX has set, it can only be removed with mechanical methods.

Maintenance

Unopened packages of KERDI-FIX can be stored in a cool location that is above freezing temperatures for up to 18 months. Once the cartridge has been opened, the material has a limited shelf life.



8.3 Schluter®-KERDI-FIX



Schluter®-KERDI-FIX Technical Data	
Color	Grey or bright white
Basic raw material	Silyl-modified polymer (SMP)
Specific weight	approx. 93.6 lb/ft ³ (1.5 g/ml)
Solvent content	0%
Isocyanate content	0%
Dry materials content	approx. 100%
VOC emissions	0.0 mg/m ³
Shear strength beech wood/beech wood	approx. 435 psi (3 N/mm ²)
Shear strength aluminum/aluminum	approx. 290 psi (2 N/mm ²)
Elongation at failure	approx. 200%
Skinning	about 10 minutes
Curing	1/8" (3 mm) per 24 hours
Permissible total movement	about 20%
Processing temperatures	don't install at temperatures below 40 °F (5 °C)
Temperature stability	-40 °F (-40 °C) to 212 °F (100 °C), temporarily 356 °F (180 °C) [max. 30 minutes]
Moisture resistance	very good
Frost ability	not sensitive to frost
Cartridge volume	9.81 oz (290 ml)
Estimated coverage	
5" (12.7 cm) connection to fixed building elements	12' 10" (3.9 m) per cartridge
1/4" (6 mm) bead	30' 1" (9.2 m) per cartridge

Product Item Numbers



8.3 Schluter®-KERDI-FIX Adhesive/sealant

Item No.	Cartridge Volume
KERDIFIX/ <i>color</i> *	9.81 fl oz - 290 ml



8.3 Schluter®-KERDI-FIX Adhesive/sealant

Item No.	Tube Volume
KERDIFIX 100 G	3.38 fl oz - 100 ml

*Color Codes



To complete the item number, add the *color* code (e.g., KERDIFIX/*BW*).



Schluter®-KERDI-FIX 1-Year Limited Warranty

COVERAGE AND CONDITIONS: Subject to the conditions and limitations as stated hereinafter, **Schluter-Systems*** warrants that **Schluter®-KERDI-FIX** (the “Product”) will be free from manufacturing defects, and will not rot, deteriorate or break down under normal use for a period of one (1) year from the date of purchase only when the Product is used and installed in accordance with the terms and conditions of the Schluter®-KERDI-FIX Technical Data Sheet and industry standard guidelines that are not in conflict with the Data Sheet in effect at the time of installation. It is the responsibility of the owner/ builder/ installer to ensure the suitability of all building materials and all associated building materials for the owner's intended use. It is recommended that the owner consult with an experienced and professional installer.

RESOLUTION: If the Product fails to meet this warranty, then the owner's exclusive remedy and the sole obligation of Schluter-Systems, at its election, shall be to a) replace the failed portion of the Product or b) pay an amount not to exceed the original linear foot cost of the Product verified to be defective.

DISCLAIMER: THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY AS STATED ABOVE. ALL OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, EXPRESSED OR IMPLIED, ARE DISCLAIMED AND EXCLUDED, INCLUDING WARRANTIES, REPRESENTATIONS OR CONDITIONS OF **MERCHANTABILITY** OR FITNESS FOR A PARTICULAR PURPOSE ARISING BY STATUTE OR OTHERWISE BY LAW OR FROM A COURSE OF DEALING OR USAGE OF TRADE. SCHLUTER-SYSTEMS EXCLUDES AND IN NO EVENT SHALL HAVE ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR OTHERWISE CONNECTED TO FAILURE OF THE PRODUCT OR TILE ASSEMBLY OF WHICH IT IS PART, NOR MISUSE OF THE PRODUCT OR TILE ASSEMBLY, REGARDLESS OF ANY STRICT LIABILITY, ACTIVE OR PASSIVE NEGLIGENCE OF SCHLUTER-SYSTEMS, AND REGARDLESS OF THE LEGAL THEORY (CONTRACT OR TORT OR EXTRA-CONTRACTUAL OR OTHER), NOR FROM ACTS OF WAR, TERRORISM, FAULTY AND NEGLIGENT PENETRATION OF THE SYSTEM, FIRES, EXPLOSIONS, ACTS OF GOD, INTENTIONAL ACTS OF DESTRUCTION OR ANY LOSSES DUE TO STRUCTURAL FAILURE OR OTHER CAUSES UNRELATED TO THE PRODUCT OR DELAYS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE FOR BREACH OF THIS WARRANTY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; SOME STATES AND PROVINCES DO NOT ALLOW DISCLAIMERS OR OTHER RESTRICTIONS OF IMPLIED WARRANTIES, SO SOME OF THE ABOVE DISCLAIMERS MAY NOT APPLY TO YOU. FOR THE MOST CURRENT INFORMATION AND MATERIALS REGARDING SCHLUTER SYSTEMS WARRANTIES AND PROGRAMS, PLEASE VISIT <https://www.schluter.com/DOWNLOADFILES>.

TRANSFERABILITY: This Limited Warranty extends ONLY to the original end user (defined as original intended owner and user of the property/unit in which the installation is incorporated - herein referred to as “Owner”) and is not transferable or assignable, unless approved in writing by the Technical Director or an Officer of Schluter-Systems or otherwise prohibited by specific state or provincial law.

MODIFICATIONS TO WARRANTY: No changes or modification of any terms or conditions of this warranty are allowed unless authorized by written agreement and signed by the Technical Director or an Officer of Schluter-Systems.

EFFECTIVE DATE: This warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other such representations made by or on behalf of Schluter-Systems relative to the Product or the application of the Product and shall apply to any installation occurring on or after January 1, 2013.

CLAIMS ON THIS LIMITED WARRANTY: To make a claim under this Limited Warranty, the Owner must provide Schluter-Systems with written notice within 30 days of any alleged defect in the Product covered by this Limited Warranty, together with date and proof of purchase of the Product, proof of the costs of the original installation and name and address of all installers, failing which this Limited Warranty shall be of no legal effect. Schluter-Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and defective condition.

All U.S. Claims shall be sent to:

Schluter Systems L.P.
Attn: Warranty Claims Dept.
194 Pleasant Ridge Road
Plattsburgh, NY 12901-5841

All Canadian Claims shall be sent to:

Schluter Systems (Canada), Inc.
Attn: Warranty Claims Dept.
21100 chemin Ste-Marie
Ste-Anne-de-Bellevue, QC H9X 3Y8

*For the purpose of this warranty **Schluter Systems, L.P.** shall provide the warranty for all products for end users located in the United States, and **Schluter Systems (Canada) Inc.** shall provide the warranty for all products for end users located in Canada. This warranty is limited to sales of the Product made in and intended for use in the United States and Canada.



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This technical data sheet is subject to change without notice. Please visit www.schluter.com for the latest version.