

Schluter KEBA100/185/5M

Schluter Kerdi Band Waterproofing Strip KEBA100/185/5M Instruction Manual

Brand: Schluter | Model: KEBA100/185/5M

[Overview](#) [Features](#) [Installation](#) [Usage](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#)
[Warranty & Support](#)

1. PRODUCT OVERVIEW

The Schluter Kerdi Band is a waterproofing strip designed for use in conjunction with Schluter-KERDI and DITRA membranes, as well as KERDI-BOARD panels. Its primary function is to create a fully water-tight seal at butt joints and connections between floors and walls, particularly in high-moisture environments such as bathrooms and kitchens. This product ensures the prevention of leaks and contributes to the long-term integrity of tiled installations.



Image 1.1: A roll of Schluter Kerdi Band, illustrating its material and form factor.

2. KEY FEATURES

- **Optimal Waterproofing Performance:** Ensures a fully water-tight seal that prevents leaks, ideal for use in high moisture areas like bathrooms and kitchens.
- **Versatile Application:** Designed to seal butt joints and connections between floors and walls using KERDI and DITRA membranes as well as KERDI-BOARD panels.
- **Superior Adhesion:** Adheres tightly to both inside and outside corners, maintaining its integrity without rounding at surface transitions, ensuring consistent waterproofing.
- **Slim Profile:** At just 4 mil in thickness, the strip prevents build-up beneath tiles, allowing for a smooth, flat surface for tile installation.



Image 2.1: A water droplet resting on the Kerdi Band surface, highlighting its effective waterproofing capability.

3. INSTALLATION GUIDELINES

The Schluter Kerdi Band is an integral component of the Schluter waterproofing system. Proper installation is crucial for achieving a reliable waterproof assembly. Always refer to the official Schluter Installation Handbook and Technical Data Sheet for detailed, up-to-date instructions and local building codes.

General Steps:

1. **Surface Preparation:** Ensure the substrate is clean, dry, and structurally sound. Any unevenness should be leveled.
2. **Apply Thin-Set Mortar:** Apply a suitable unmodified thin-set mortar to the area where the Kerdi Band will be placed, ensuring full coverage.
3. **Embed Kerdi Band:** Press the Kerdi Band firmly into the fresh thin-set mortar, ensuring no air bubbles are trapped underneath. Overlap seams by at least 2 inches (5 cm).
4. **Smooth Out:** Use a trowel or float to smooth the band, ensuring complete embedment and removal of excess mortar.
5. **Curing:** Allow the thin-set mortar to cure according to the manufacturer's recommendations before proceeding with tile installation.

The Kerdi Band is specifically designed for sealing butt joints and connections between floors and walls, as well as inside and outside corners, to prevent water penetration.



Image 3.1: A diagram illustrating the strategic placement of Kerdi Band in a shower corner to ensure a waterproof seal.

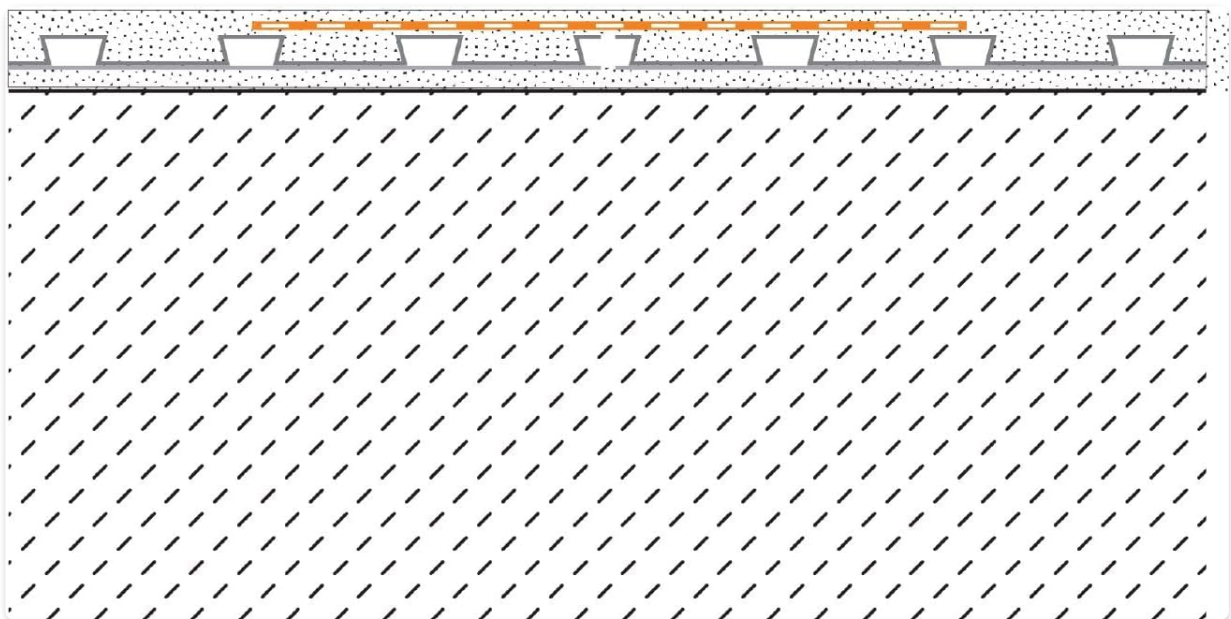


Image 3.2: A cross-section view demonstrating the minimal thickness of Kerdi Band when installed under tile, ensuring a smooth surface.

4. USAGE AND FUNCTIONALITY

Once installed correctly, the Schluter Kerdi Band forms a continuous, waterproof layer that protects moisture-sensitive substrates from water penetration. It is an essential component in creating a complete waterproofing system for tiled showers, bathrooms, and other wet areas. Its thin profile ensures that it does not significantly impact the finished tile height or create noticeable bulges.

5. MAINTENANCE

The Schluter Kerdi Band, once properly installed and covered with tile, requires no specific maintenance. Its durable material is designed for long-term performance within the tile assembly. Regular cleaning of the tiled surface is sufficient to maintain the overall integrity of the installation.

6. TROUBLESHOOTING

Most issues related to waterproofing systems stem from improper installation. If you suspect a waterproofing failure, consider the following:

- **Leaks:** Check for proper overlap at seams and complete embedment in thin-set mortar. Ensure all corners and transitions were adequately sealed.
- **Adhesion Issues:** Verify that the correct type of thin-set mortar was used (unmodified) and that the substrate was clean and free of contaminants.
- **Bubbles/Wrinkles:** These indicate trapped air during installation. Ensure firm pressure was applied to embed the band fully.

For persistent issues, it is recommended to consult with a qualified tile installer or contact Schluter Systems technical support.

7. PRODUCT SPECIFICATIONS

| Attribute | Detail |
|-----------------------|---------------------------|
| Manufacturer | Schluter |
| Part Number | KEBA100/185/5M |
| Item Weight | 8 ounces |
| Product Dimensions | 8.75 x 3.25 x 3.25 inches |
| Item Model Number | KEBA100/185/5M |
| Thickness | 4 mil (0.004 inches) |
| Item Package Quantity | 1 |
| Date First Available | November 22, 2011 |

8. WARRANTY AND SUPPORT

Limited Warranty:

The Schluter Kerdi Band is backed by a **10-year limited warranty** against manufacturing defects. This warranty is valid when the product is installed strictly in accordance with the official Schluter Installation Handbook and Technical Data Sheet, and following all applicable guidelines and industry standards in effect at the time of installation.

Customer Support:

For technical assistance, installation guidance, or warranty claims, please refer to the official Schluter Systems website or contact their customer service department. Detailed contact information can typically be

found on the product packaging or the manufacturer's website.