

## Schluter®-REFLEECE



### INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

#### RECOVERY FLEECE – PET FLEECE FOR TILING AND NATURAL STONES

### Application and Function

**Schluter®-REFLEECE** is a fleece made from 100% PET recycled material with an adhesive coating on the back. It is suitable for the application of temporary, removable tile and natural stone coverings in the floor area. REFLEECE features a self-adhesive backside that can be easily removed from the subfloor during deconstruction and does not cause any damage to the existing subfloor.

### Material

REFLEECE is a 1/32" (0.8 mm) thick non-woven fabric made of PET (polyethylene terephthalate), with a special solvent-free and plasticizer-free adhesive coating on the back. **Note:** There is no release film on the back of the product.

The adhesive is not UV-stable in the long term, therefore permanent and intensive sunlight should be avoided during storage. REFLEECE can be stored for at least 18 months if kept dry and frost-free 41-86 °F (5-30°C).

### Material Properties and Areas of Application

REFLEECE is an imperishable fleece with a self-adhesive backing for use in indoor private areas or business environments where no permanent dynamic load is expected. It can be used for the temporary laying of tiles and natural stone coverings on surfaces where a permanent floor covering is not possible or desired. A few examples of appropriate areas of application are exhibition halls, historical buildings, and private or commercial rental properties.

REFLEECE is insensitive to moisture that may accumulate during covering installation with thin-set mortar, or during general cleaning of the finished floor.

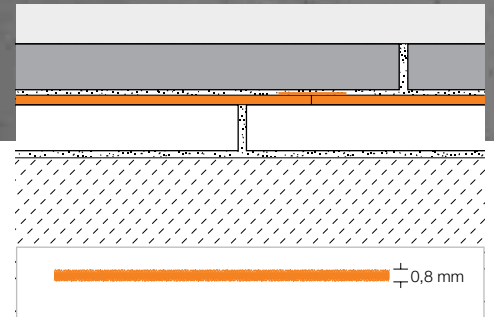


#### 6.1 Schluter®-REFLEECE

Tiles installed on the REFLEECE should be at least 4" x 4" (10 cm x 10 cm) and have a minimum thickness of 1/4" (6 mm).

### Impact Sound Insulation

REFLEECE overlaid with 5/16"-thick porcelain tile received a rating of  $\Delta IIC$  17 when tested according to test method ASTM E2179. The actual degree of improvement of the respective assembly depends on the local conditions (structural design) and can deviate from this value. Therefore, the determined test values cannot be transferred to every construction site situation.



### Suitable Substrates

Substrates on which REFLEECE is to be installed must always be checked for their suitability to make sure they are level, load bearing, clean, and compatible with the materials to be used. Remove all surface components that may weaken the bond. Any unevenness or height and slope differences in the substrate must be leveled prior to the application of REFLEECE. The surfaces of the floor covering or subfloor to which REFLEECE is to be applied must always be load bearing and such that the back coating of the fleece will adhere to the



surface. REFLEECE may only be installed to fully bonded systems; floating floors are not a suitable application for using the REFLEECE product. The compatibility of the adhesive coating and its desired substrate must be checked prior to installation. REFLEECE may only be used on solvent-free or plasticizer-free substrates.

Suitable substrates include but are not limited to concrete, gypsum screeds, self-levelers, existing tile floors, and well-bonded resilient floor coverings.

If adhesive residue remains on the substrate after removing REFLEECE, remove the residue by means of lukewarm, clean water.

### Movement Joints

Movement joints must be incorporated within the tile field, at doorsills, and at transitions to walls and other restraining structures to allow movement of the assembly and prevent stresses that can damage the system. REFLEECE shall be sectioned with pieces abutted along the length of existing movement joints. Schluter®-Systems' prefabricated movement joint profiles protect tile edges and prevent sound bridges and surface water penetration, resulting in a permanent, maintenance-free installation.

The family of Schluter®-DILEX prefabricated movement profiles include a variety of shapes, sizes, and materials to suit different applications. Please see Schluter®-Systems' Illustrated Price List and visit [www.schluter.com](http://www.schluter.com) for more detailed information on DILEX movement profiles.

### Installation

1. Substrates must be checked for suitability prior to installation such as flatness, load-bearing capacity, cleanliness, and compatibility. Any inconsistencies in the subfloor must be compensated for before installation. Examples include unevenness, height inconsistencies, or varying degrees of slope.
2. The substrate shall be vacuumed and cleaned to remove as much as dust as possible before embedding fleece.
3. REFLEECE is rolled out, cut to size, and embedded fully into subfloor surface with the use of a float or weighted roller. **Note:** There is no release film on the back of the product.
4. When installing abutting sections of REFLEECE, protect the seams from traffic by covering with Schluter®-KERDI-BOARD-ZSA.

5. To prevent damage or detachment of installed REFLEECE, it is recommended to protect the material by laying out running boards in areas where fleece may be exposed to additional traffic prior to tile installation.
6. Immediately following the installation of REFLEECE, tiles can be embedded using traditional thin-set methods. Thin-set shall be notched with the appropriate trowel according to tile format. Be sure to observe open time of thin-set adhesive during installation.
7. According to applicable recommendations, movements joints in the substrate must be considered in the layout of the finished tile covering. Large-area tile floorings over REFLEECE shall be divided into smaller areas by means of movement joints in accordance with the applicable recommendations. We recommend the use of Schluter DILEX movement joint profiles for these applications.

### Product Item Numbers



Schluter®-REFLEECE      Removable fleece for temporary floor coverings 0.8 mm - 1/32"		
Item No.	Dimensions	Format
REFL30M	30 m x 1 m = 30 m <sup>2</sup> 98' 5" x 3' 3" = 323 ft <sup>2</sup>	Roll



## Schluter®-REFLEECE Two-Year Limited Warranty

**LIMITED WARRANTY COVERAGE:** Subject to the conditions and limitations as stated in this **Schluter®-REFLEECE Two-Year Limited Warranty** (the “**Limited Warranty**”), Schluter Systems warrants that its Schluter-REFLEECE products (the “**Product**”) will be free from manufacturing defects and will not fail under normal usage for two (2) years when the Product is installed and used within its shelf life and in accordance with the terms and conditions of the Product’s technical data sheet and other written materials (collectively, the “**Written Materials**”); available at [https://www.schluter.com/schluter-us/en\\_US/downloadfiles](https://www.schluter.com/schluter-us/en_US/downloadfiles), and industry standard guidelines that are not in conflict with the Technical Data Sheet in effect at the time of installation.

This Limited Warranty is only applicable to installations in the United States of America and Canada. Schluter Systems is not responsible or liable under any circumstances for determining the suitability of the Product for the user’s intended purpose. It is the responsibility of the original end user of the property in which the Product is being installed (the “**Owner**”) to consult with an experienced and professional installer to ensure the suitability of the Product, subfloor/substrate and all building materials in the installation and that the Technical Data Sheet is followed properly

**RESOLUTION:** If the Product is installed within its shelf life and used in accordance with the terms and conditions as described hereinabove and the Product is proven defective within the warranty period stated in this Limited Warranty, the Owner shall receive, as Owner’s exclusive remedy and the sole obligation of Schluter Systems, Schluter Systems replacement Product for that specific portion of the original installation proven defective.

**EXCLUSIONS FROM COVERAGE:** This Limited Warranty excludes and in no event shall Schluter Systems have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to the failure of the Product, regardless of any strict liability or active or passive negligence of Schluter Systems, and regardless of legal theory, whether in contract, tort, extra-contractual or other. This Limited Warranty further excludes any loss or damage arising out of or otherwise connected to: acts of war, terrorism, fire, explosion, natural disaster, acts of God, inadequate subfloor/substrate, improper preparation or other failure of subfloor/substrate, faulty or negligent penetration of the Product or subfloor/substrate, intentional acts of destruction, structural failure, misuse of or failure to maintain the Product, normal wear and tear, scratches, dents, corrosion or discoloration (whether caused by excessive heat, chemical cleaning products, abrasive agents or otherwise), efflorescence and shading which are a natural occurrence with cementitious materials and are not considered a defective condition for the purposes of this Limited Warranty, variations of texture, color or shade from those on product samples, packaging materials or other marketing materials, or other causes unrelated to the Product (e.g. surface covering failure). This Limited Warranty excludes exterior, wet, submerged, and steam room applications and further excludes applications using glass tile, resin-backed tile, moisture sensitive stone, and other non-approved surface coverings, unless specifically approved in writing on a case by case basis by the Schluter Systems Technical Services Director.

**DISCLAIMER:** There are no warranties beyond this expressed warranty as stated herein. To the extent permitted by law, all other warranties, representations or conditions, expressed or implied, are hereby disclaimed and excluded, including but not limited to the implied warranties of **MERCHANTABILITY** or **FITNESS FOR A PARTICULAR PURPOSE** or arising from a course of dealing, usage of trade or otherwise by law. ANY IMPLIED WARRANTIES ARISING BY OPERATION OF LAW ARE LIMITED IN DURATION TO THE TERM OF THIS LIMITED WARRANTY. NO REPRESENTATION, PROMISE, AFFIRMATION OR STATEMENT BY ANY EMPLOYEE OR AGENT OF SCHLUTER SYSTEMS WILL BE ENFORCEABLE AGAINST SCHLUTER SYSTEMS UNLESS IT IS SPECIFICALLY INCLUDED IN THIS LIMITED WARRANTY OR AUTHORIZED IN WRITING BY THE SCHLUTER SYSTEMS TECHNICAL SERVICES DIRECTOR. This Limited Warranty is given in lieu of any other warranty, whether expressed or implied. The remedies contained herein are the only remedies available for breach of this Limited Warranty. Schluter Systems excludes and in no event shall have any liability for any indirect, special, incidental, punitive, exemplary, or consequential damages, including lost profits, arising out of or otherwise connected to failure of the Product. This Limited Warranty extends only to the Owner and is not transferable or assignable unless authorized by written agreement and signed by the Schluter Systems Technical Services Director or otherwise prohibited by specific state or provincial law. This Limited Warranty gives you specific legal rights; some states and provinces do not allow disclaimers or other restrictions of implied warranties; some of the above disclaimers may not apply to you. **No changes or modifications of any terms or conditions of this Limited Warranty are permitted unless duly authorized in writing by the Schluter Systems Technical Services Director.** This Limited Warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other 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 April 1, 2022. For the most current information and materials regarding Schluter Systems warranties and programs, please visit [www.schluter.com](http://www.schluter.com).

**MAKING A CLAIM:** To make a claim under this Limited Warranty, the Owner must provide Schluter Systems with written notice within thirty (30) days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of the Products and name and address of all installers, failing which this Limited Warranty shall have 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/or defective Product.

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

<sup>1</sup> If there are any conflicting terms between any Written Materials, the most recently updated document shall be deemed to control.



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**Schluter Systems (Canada) Inc.** • 21100 chemin Ste-Marie, Ste-Anne-de-Bellevue, QC H9X 3Y8 • Tel.: 800-667-8746 • Fax: 877-667-2410

[www.schluter.com](http://www.schluter.com)

This technical data sheet is subject to change without notice. Please visit [www.schluter.com](http://www.schluter.com) for the latest version.