



PRODUCT DATA SHEET

SikaTile®-150 Moisture Guard Fabric ST

FLEXIBLE, SHEET-APPLIED WATERPROOFING SEAM TAPE



PRODUCT DESCRIPTION

SikaTile®-150 Moisture Guard Fabric ST seam tape is a fast and easy way to cover seams and changes of plane when installing SikaTile®-150 Moisture Guard Fabric Membrane and SikaTile®-250 Fracture Guard UCM (uncoupling membrane) to provide waterproofing and vapor barrier protection.

- Lightweight, polyethylene seam tape with non-woven, polypropylene fabric on both sides
- For interior and exterior residential and commercial use
- Easy to handle and cut, providing rapid installation
- Easily conforms to substrate
- Allows for immediate tile installation using SikaTile® polymer-modified mortars

USES

- To seal seams and changes of plane in conjunction with SikaTile®-150 Moisture Guard Fabric Membrane in a waterproofing and vapor barrier membrane system.
- Fuse with SikaTile®-250 Fracture Guard UCM at the intersection of floors and walls or on vertical inside/outside corners of walls to provide waterproofing.
- Combine with SikaTile®-150 Moisture Guard Fabric Membranes, inside/outside corners, pipe seals, mixing valve seals, drain hats and Sikaflex®-11FC to finish the waterproofing assembly.

ENVIRONMENTAL INFORMATION

Environmental Consideration

Sika® is committed to environmental responsibility in both products produced and in manufacturing practices. Complete the LEED Product Data Request Form at SikaTile.com for detailed information based on project location. Use of this product can contribute toward LEED® v4.1 certification:

- Up to 2 points toward MR Credit 5, Regional Materials

SUITABLE SUBSTRATES

SikaTile®-150 Moisture Guard Fabric ST can be installed in most interior and exterior residential and commercial installations on floors and walls. Refer to the individual waterproofing or crack isolation membrane Product Data Sheet (PDS) the SikaTile®-150 Moisture Guard Fabric ST is intended to be used with.

APPROVALS / STANDARDS

| Property | Test Method | Results |
|-------------|--------------------------|----------------|
| Thickness | -- | 0.5 mm |
| Width | -- | 5" (125 mm) |
| Mold Growth | ANSI A118.10 Section 4.1 | No mold growth |

CHARACTERISTICS / ADVANTAGES

- Component used in waterproofing and vapor-control
- Ideal for seaming membrane in steam rooms and steam showers

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Chemical Base | Two outer layers of polypropylene, non-woven membrane bonded with one inner layer of polyethylene waterproofing membrane. |
| Packaging | 5" x 16' 5" (125 mm x 5 m) roll (6 rolls per carton) 5" x 98' 5" (125 mm x 30 m) roll |
| Color | Yellow |
| Shelf Life | 24 months from date of production when stored in original, unopened package |
| Storage Conditions | Store in undamaged, original, unopened package, in dry conditions |

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

ENVIRONMENTAL, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

INSTALLATION

SikaTile® membranes, when properly installed in accordance with the following installation guidelines, provide years of protection for finish flooring and wall installations. In addition to these instructions, installers shall also reference the most current edition of American National Standards Institute (ANSI), Tile Council of North America (TCNA) Handbook for Ceramic Tile Installations, The Marble Institute of America (MIA) Dimension Stone Design Manual, NWFA (National Wood Flooring Association) and Manufacturer's instructions of selected setting materials, substrates, sub-floors, or other manufacturers being used in total, or any part of, an installed floor and wall system with SikaTile®. Consult your selected manufacturer of these previously mentioned components to ensure selected products are compatible with SikaTile® membranes.

SURFACE PREPARATION

All surfaces must be between 40°F (4°C) to 90°F (32°C) and structurally sound (deflection not to exceed L/360 for ceramic and porcelain tiles and L/720 for natural stone), dry, clean, and free from oil, grease, wax, paint, old adhesives, sealers, and curing compounds. Any contaminants that inhibit proper bond must be removed. Substrate preparation should be completed following ANSI A108 AN-2 "General Requirements for Sub-surfaces." All substrates should be plumb and true; surface deviation should not exceed 1/4" in 10' or 1/8" in 10' for large format tiles. Patching, leveling or areas requiring a mortar bed should be prepared using Sika® underlayments. Movement (expansion) joints should be provided to comply with TCNA method EJ171. Concrete

must be free of any negative hydrostatic pressure and/or excessive moisture.

Refer to the individual waterproofing or crack isolation membrane Product Data Sheet (PDS) the SikaTile®-150 Moisture Guard Fabric ST is intended to be used with.

APPLICATION

Read all installation instructions thoroughly prior to installation.

- Once SikaTile®-150 Moisture Guard Fabric Membrane is embedded on the surface as directed in the Product Data Sheet, SikaTile®-150 Moisture Guard Fabric ST (Sealing Tape) can be used to treat the seams and/or change of plane instead of upturns and edge overlaps.
- Mix a suitable SikaTile® polymer-modified mortar meeting at least ANSI A118.4 or ANSI 118.11 to a consistency using 10% to 20% additional water than the recommended water range, to hold a notched ridge while allowing for wetting out of the fabric layer backing of the membrane.
- Key SikaTile® mortar on top of the seam the substrate with pressure by using the flat side of the trowel.
- Apply additional mortar, combing it in a single direction using a 1/4" x 3/16" (6 x 5 mm) V-notched trowel ensure at least 2" (5 cm) on both sides of the seam. Spread only as much mortar as can be covered with SikaTile®-150 Moisture Guard Fabric ST before the mortar skins over. Rougher surfaces may require a larger notched trowel. Open times vary by mortar and jobsite conditions.
- Center the tape over the seam with at least 2" (5 cm) on each side of the seam and apply the tape. Work the sealing tape or 2" (5 cm) overlap into the thin-set mortar with a grout float, plastic taping knife or the trowel's flat side while the thin-set is still workable.
- To waterproof around the walls of the installation area, take a pre-measured length of SikaTile®-150 Moisture Guard Fabric ST and fold it in half along its length. Adhere one side to the floor and the other side to the wall. Work the seam tape into the mortar in the same manner as the seams.
- Use a damp sponge to clean excess mortar from areas on the SikaTile®-150 Moisture Guard Fabric Membrane.
- Fill any gaps or openings with Sikaflex®-11 FC Sealant

Product Data Sheet

SikaTile®-150 Moisture Guard Fabric ST
March 2025, Version 01.01
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for a watertight seal.

Floor and Wall Connections:

- Use SikaTile®-150 Moisture Guard Fabric ST sealing tape or overlap seams by at least 2" (5 cm) at the corner of where the floor and wall meet.
- For inside and outside corners, adhere SikaTile®-150 Moisture Guard Fabric IC pre-formed inside corners and SikaTile®-150 Moisture Guard Fabric OC pre-formed outside corners using appropriate SikaTile® mortar.
- Install SikaTile®-150 Moisture Guard Fabric PC pre-formed pipe collars to seal pipes at showerheads, hand-held sprays, etc., and SikaTile®-150 Moisture Guard Fabric MVC pre-formed mixing valve collars using appropriate SikaTile® mortar.
- Fill any gaps or openings with Sikaflex®-11 FC Sealant for a watertight seal.

PROTECTION

Protect from traffic, dirt, or dust from other trades until the final installation of the floor covering.

LIMITATIONS

- Do not use below 40°F (4°C); do not allow membrane or substrate to be below 40°F (4°C) for the first 72 hours after application.
- Do not install over substrates containing asbestos.
- Refer to the individual waterproofing or crack isolation membrane Product Data Sheet (PDS) the SikaTile®-150 Moisture Guard Fabric ST is intended to be used with.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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Product Data Sheet

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March 2025, Version 01.01
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