

PRODUCT DATA SHEET

SikaTile®-190 Reinforcing Fabric

DURABLE POLYESTER REINFORCING TYPE II FABRIC FOR USE WITH SIKATILE'S WATERPROOFING MEMBRANES

PRODUCT DESCRIPTION

SikaTile®-190 Reinforcing Fabric is a high-performance, type II, flexible, durable, nonwoven, polyester engineered fabric for optional use with SikaTile®-100 Moisture Guard when installed under ceramic tile or stone on residential and commercial interior applications and is used to reinforce liquid waterproof membranes. SikaTile®-190 Reinforcing Fabric is ideal for use over areas such as cracks, coves, corners, and areas around drains when used with SikaTile®-100 Moisture Guard and can easily be cut to size with scissors or a razor knife, and easily incorporated in the liquid membrane.

USES

- For use over cracks, coves, corners, change-of-plane, and areas around drains
- Use with SikaTile®-100 Moisture Guard and other liquid membranes

CHARACTERISTICS / ADVANTAGES

- Significantly reduces reflective cracking
- Flexible and resists tearing
- High tensile strength
- Easy to cut and install
- Non-adhesive lays flat
- Tough and durable

ENVIRONMENTAL INFORMATION

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

APPROVALS / STANDARDS

There are no applicable standards or approvals for the tape alone. Refer to the SikaTile®-100 Moisture Guard Product Data Sheet for all related information.

SYSTEM INFORMATION

System Structure	White bonded fibrous mat. Thermally bonded fibers of polyethylene terephthalate and polyethylene terephthalate/adipate mat
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PRODUCT INFORMATION

Packaging	8" x 165' roll (110 sq. ft.)
Shelf Life	Product can be stored indefinitely when stored in original, sealed package
Storage Conditions	Store in undamaged, original, sealed package, in dry conditions

BASIS OF PRODUCT DATA

Property	Test Method	Results
Type II Construction	-	Non-woven thermally bonded polyester fibers
Total Thickness	-	0.30 mm (11.8 mils)
Weight	-	0.2 oz./sq.ft
Coverage Rate	-	110 sq.ft. (10.2 m ²)
Grab Tensile Strength	ASTM D4632	MD 61 lb. /ft. (270 N) TD 61 lb. /ft. (270 N)
Grab Tensile Elongation	ASTM D4632	MD 45% TD 50%
Tear Strength	-	100 N
Specific Gravity	-	1.37 g/mL

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

LIMITATIONS

- Protect from traffic, dirt, or dust from other trades until the final installation of the floor covering.
- Do not use it as a final wear surface.
- 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.
- Do not apply over self-stick tile, particleboard, or similar types of dimensionally unstable substrates.
- Do not use over cracks or control joints subject to out-of-plane movement or in-plane movement greater than 3/8" (10 mm).
- Must be incorporated into the waterproof membrane during application.
- Avoid exposing to sharp objects that could cut or puncture the material.
- Do not use it as the primary roofing membrane.

ENVIRONMENTAL, HEALTH AND SAFETY

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

For suitable substrates, refer to the SikaTile®-100 Moisture Guard Product Data Sheet for all related information or consult Technical Services for installation recommendations regarding substrates and conditions not listed.

SUBSTRATE PREPARATION

All surfaces must be between 40° F (4° C) to 90° F (32°

C) and structurally sound (deflection not to exceed 1/360 of the span), dry, clean, and free from oil, grease, wax, paint, old adhesives, sealers, and curing compounds. Any contaminates which 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'. Patching, leveling, or areas requiring a mortar bed should be prepared using SikaLevel® 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.

APPLICATION

SikaTile® elastomeric membranes, when properly installed in accordance with the following installation guidelines, will provide years of protection for finish flooring 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 flooring system with SikaTile®. Consult your selected manufacturer of these above-mentioned components to ensure selected products are compatible with SikaTile® elastomeric membranes.

For specific application instructions, refer to the SikaTile®-100 Moisture Guard Product Data Sheet for all related information.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs.

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Product Data Sheet

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