

Flex-Guard® Data Sheet

Sweep, Stick and Set! Fast, Primer Free & Green In Design

1. Product Name: Flex-Guard®

Manufactured by:
Flex-Guard Products, Inc.

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1-800-279-7600 Order/Info
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2. PRODUCT DESCRIPTION

Flex-Guard Crack Isolation System is a two component, primer-less, pressure sensitive, elastomeric, highly permeable, crack isolation, and anti-fracture system. The top layer consists of a polyester stitch fabric which is embedded into an adhesive. The adhesive is a solvent free, 100% solids, modified acrylic adhesive.

Roll Sizes: 12" X 25', 12" X 75', 24" X 25', 24" X 75', 36" X 25', 36" X 75' & 48" X 75'.

3. TYPICAL USES

Flex-Guard may be used for crack isolation and anti-fracture underlayment for interior or exterior floor tile, most stone, terrazzo, porcelain or clay tiles. The properties of this sheeting can be used to bridge concrete joints, cracks and expansion joints against horizontal movement of the substrate.

Maybe used on concrete, lightweight gypsum crete and wood substrates. Lightweight gypsum base crete floors are required to have manufacturers sealers applied and cured according to manufacturers instructions. Such as Maxxon Over-Spray.

Note: Flex-Guard recommends compliance with ceramic floor tile and stone industry techniques and standards. See ANSI and Tile Council of America latest Handbook for Ceramic Tile Installation.

Flex-Guard should be specified in Division 9.

Typical Installations:

Residential and Commercial substrates
Tile and Most Stone*
Concrete, Tile over Tile
Gypsum based crete underlayment
Exterior Grade Plywood, OSB
Decks and Balconies
Malls
Hospitals
Restaurants

4. TECHNICAL DATA

Short Form Specifications
Crack Isolation and Anti-fracture System
shall be 20 mil, (+/- 3 mil) Flex-Guard®
Anti-Fracture Membrane.

Non-Hazardous and Non-Toxic Material Composition

Tests: EPA 8260, EPA5030B

LIMITATIONS

Substrate isolation is limited specifically to *horizontal plane movement*. Flex-Guard is not designed to eliminate problems associated with vertical shearing, heaving or peaking movement of the substrate. Not for use with Pre-mixed mortar. Not for use with synthetic, polyester type travertine or tiles.

Do not use on substrates where hydrostatic water pressure exists.

Not recommended where horizontal crack movement may be greater than 3/8".

Surfaces must be level, structurally sound and meeting L/360 for ceramic and porcelain tile or L/720 for stone tile on live or dead loads. Maximum variation of 1/4" in 10' from the required plane.. Reference: Uniform Building Code 2516h.

Flex-Guard Products, Inc. does not warrant the integrity of the substrate.

5. INSTALLATION

Instant, primer free installation on clean, dry sub-floor. The sub-floor must be in sound and secure condition.

Tile may be set immediately.

TOOLS NEEDED

Basic industry tools and materials needed for installation: Utility knife, chalk line, floor roller, damp sponge, etc.

Substrate must be clean, dry and free of any debris that would hinder the bonding of the Flex-Guard. Thinset mortar shall be latex modified ANSI 118.4.

The minimum width of the sheeting should be 2 times the width of the tile being installed, in accordance with Tile Council of America recommendations. Installer must be familiar with Tile Council of America Handbook and ANSI 108 methods. Rapid setting thinset mortars are acceptable and may improve performance times with porcelain and dense stone. Use approved requirements from the manufacturers.

Joint Placement

Flexible expansion joints in tile are highly recommended. See Tile Council of America Handbook "Joints Essentials". Information available at www.tcnatile.com

See Flex-Guard Products, Inc. written installation instructions and warranty. Visit us at www.FlexGuardProducts.com



6. WARRANTY

BEST warranty in USA! Flex-Gard's LifeTime 30 Year, Fracture-Free System Performance Warranty. We guarantee full floor installations to isolate up to 3/8" horizontal movement. Strip installation requires at least 2 times the width of the largest single tile for 1/4" movement warranty. This warranty is limited to reasonable material and labor cost, not to exceed original cost of installation of affected area. There are no other expressed or implied warranties. Flex-Guard Products, Inc. is not responsible for consequential damages or acts of nature. See Warranty for full disclosure. Flex-Guard® is a trademark of Flex-Guard Products, Inc.

Flex-Guard may be obtained throughout the United States and Canada from authorized distributors.

Cost: The installed cost is very economical due to reduced amount of labor and material saving attributes of this product.

7. Vapor Transmission

Moisture Vapor Transmission (MVT) ASTM E96 testing +50lbs/24hrs/1,000 sq. ft. with exclusive Uber! Vapor Flow System®. Our patent pending system is designed to compliment an approved vapor barrier ASTM F-1869-98 under the concrete slab. ASTM E96 resulted in +45 perms. This design assist's with the normal drying of the concrete slab. Most other systems trap water in the slab, which may condense and migrate to their edges and develop mold in baseboards, cabinets, drywall or carpet.

8. SYSTEM PERFORMANCE:

Extra Heavy Service Rated ASTM C-627 (Robinson load bearing test) tested by T.C.A. Surpasses ANSI 118.12 for 1/8" crack movement. Guaranteed up to 3/8" horizontal movement.

EPA 8260, EPA 5030B tested Non-Toxic, Non-Hazardous Materials.

