

1. FLEX-GUARD PRODUCTS

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2. PRODUCT DESCRIPTION

Speed-Flex is an interior only, two component, primer free, pressure sensitive, elastomeric, crack isolation and anti-fracture membrane. The top layer consists of a polyester stitch fabric which is laminated to an elastomeric adhesive. The adhesive is a solvent free, 100% solids, modified acrylic adhesive. Thickness 15 mil +/- 3 mil.

Sizes: 4' X 75', 2' X 75'

ASTM C627 Robinson Floor Test Rated Extra Heavy Service.

Passes ANSI 118.12 1/8" anti-fracture test

3. TYPICAL USES

Speed-Flex is used as an anti-fracture and crack isolation system underlayment for interior floor tile, stone, terrazzo, porcelain and clay tiles. The properties of this sheeting can be used to bridge concrete joints, cracks and expansion joints against horizontal movement of the substrate. Note: Speed-Flex must be installed in compliance with ceramic floor tile ANSI industry techniques and standards. Speed-Flex should be specified in Division 9.

Typical Installations:

Residential and Commercial Substrates
 Tile and Stone
 Wood, Concrete, Tile over Tile
 Malls
 Hospitals
 Restaurants
 Cementitious Backerboard

4. Technical Data

Short Form Specifications
 Anti-fracture membrane and/or crack isolation shall be Speed-Flex Anti-Fracture Sheeting.

Limitations:

Substrate fracture protection is limited specifically to horizontal plane movement. Speed-Flex will not eliminate all problems associated with vertical shearing, heaving or peaking movement of the substrate. Warranty does not include the integrity of the substrate.

Do not use on substrates where hydrostatic water head or hydrostatic pressure exists.

Speed-Flex is not suitable as a wearing surface.

Wood subfloors shall not exceed 1/360th of the span, including live and dead loads. Reference: Uniform Building Code 2516h.

5. INSTALLATION

Primer free installation.

Tile may be set immediately.

Speed-Flex may be installed in a thin-bed or a full mortar bed as a moisture resistant barrier and anti-fracture membrane. *The minimum width of the sheeting must be 3 times the width of the tile being installed, in accordance with Tile Council of America recommendations.*

Tools needed:

Basic industry tools and materials needed for installation: Utility knife, chalk line, floor roller or trowel and damp sponge. Substrate must be clean, dry and free from dust or any other debris that would hinder the bonding of the Speed-Flex adhesive. Thinset mortar shall meet ANSI 118.4. standards for latex modified thinset. Installer must be familiar with Tile Council of America Handbook and ANSI 108 methods. Do not use a premixed ready to use tile adhesive. Quick or Rapid setting thinset mortars are excellent. Speed-Flex may be used with floor warming systems.

Joint Placement:

Flexible ANSI expansion joints in tile are required. See Tile Council of America Handbook "Joints Essentials". Information available at www.tileamerica.com

See Flex-Guard Products, Inc. written installation instructions and warranty or call 1-888-308-9153 for complete information or visit www.crackisolation.com

**Non-Hazardous and Non-Toxic
 Material Composition
 Tests: EPA 8260, EPA5030B**

6. 30 YEAR WARRANTY

Speed-Flex sheeting has a Life Time 30 year Warranty on post-tension and indoor substrates. Warranty covers product defects or fractured tile damage due to horizontal movement only, when installed in accordance with ANSI standards. Full floor installation guarantees up to 1/4" horizontal movement. Three times the width of the tile placed over joint or crack is guaranteed up to 1/8" horizontal movement. This warranty is limited to the replacement of defective material and reasonable labor and tile replacement. Not to exceed original costs. There are no other expressed or implied warranties. This warranty is in lieu of any other warranty, including, but not limited to, implied warranties of merchantability and fitness for purpose. Flex-Guard Products, Inc. is not responsible for consequential damages. The remedy of the purchaser set forth herein is exclusive. Speed-Flex is a trademark of Flex-Guard Products, Inc. Patent Pending.

Availability: Speed-Flex may be obtained throughout the United States and Canada from authorized distributors.

Cost: Very economical. Approximately half the final cost of other sheet applied membranes. A typical 250 sq. ft. area can be installed in less than 15 minutes with immediate floor tile installation.

7. MOISTURE VAPOR TRANSMISSION Use a calcium chloride vapor transmission test to determine the amount of moisture transmission. Vapor Emissions F-1869-98 test should be done. Vapor drive should not exceed 5 lbs.per/1000 sq.ft /24hrs.

Speed-Flex

