

SPECTRUM SUPER-FLEX

“Sanded” Elastomeric Anti-Fracture Membrane

Product Information

Spectrum Super-Flex is a user friendly, trowel applied “sanded” elastomeric membrane developed to reduce transmission cracks through tile and stone. With its unique “sanded” formula, Super-Flex offers two distinct characteristics that separate it from the standard anti-fracture membranes. One, Super-Flex cures to a rough texture, combine this with its excellent flexibility and Super-Flex provides the best system for the affected substrate and for thin-set adhesion. Two, the sand in Super-Flex provides for proper gauging, thus, giving the installer assurance that it is correctly applied every time.

BASIC USE

- Mortar beds
- Concrete slabs
- Exterior grade plywood in dry interior areas
- Tile over tile

LIMITATIONS

- Do not apply to surfaces that may go below 40° F (4°C) during the first 72 hours after application.
- Not recommended for use on shower floors, or areas exposed to hydrostatic pressure and/or water submersion.
- Not for use as an adhesive for setting tile.
- *For interior use only.*
- Not for controlling vertical movement cracks.
- Do not use as a wear surfaces. Membrane must be covered by tile.

APPLICABLE STANDARDS

- Meets ANSI A118.12 for crack isolation membranes.
- Always follow EJ 171 in the TCA Handbook for Treatment of Construction, Expansion, Control and Isolation Joints.

PACKAGING

1-gallon and 3 ½-gallon pails. 5-gallon pails by “special order” only.

COVERAGE

1 gal. pail	70 sq. ft.
3.5 gal. pail	245 sq. ft.

(Note: Coverage's shown are given for estimating purposes only. Actual job-site coverages may vary depending on application procedures.

SURFACE PREPARATION

(Cementitious Surfaces)

All surfaces must be properly prepared, structurally sound, stable, clean, dry and free from oil, dust, grease, paint, gypsum patch, flooring adhesive, tar, wax, sealers, curing agents and foreign substances that can reduce or impair adhesion.

By mechanical means, remove all traces of paint, waxes, dirt or any contaminants.

Surfaces should then be smooth / level and all defects repaired.

Concrete floors should not be subjected to deflection exceeding 1/240th of the span.

Concrete must be fully cured and not subject to hydrostatic pressure.

Concrete surfaces should accept water penetration.

Note: Cracks in excess of 3/16th wide, should be treated as expansion joints.

(Plywood Substrates)

Plywood floors must be secured with screw type nails and glued where possible.

Leave a gap of 3/16th between edges where they abut walls and other abutments. (Fill these gaps with Spectrum Super-Flex.)

APPLICATION

Rubber gloves and proper eye wear are recommended.

Force **Spectrum Super-Flex** into cracks with the flat side of the trowel. Using a 3/16" x 3/16" V-notch trowel, comb **Super-Flex** onto the crack and existing substrate. Immediately after troweling, use the flat side of the trowel and flatten the ridges to form a continuous, even coat of material. **Membrane should extend beyond both sides of the crack a minimum of the diagonal measurement of the tile.** (See illustrations on back of page.) **Super-Flex** is white when wet and turns an opaque/tan color when dry, normally within 1-2 hours. (Depending on ambient conditions, drying time can take up to 12 hours.) Tile should be set over the dry membrane using a latex modified Dry Set mortar meeting ANSI A-118.4.

CLEAN-UP

Clean hands and tools with soap and water. Clean up any misapplied product with a damp cloth or sponge. Dispose of empty containers according to state and local regulations. Unused portion of **Super-Flex** should be capped and stored in a cool dry place.

TECHNICAL DATA

Pot Life	Indefinite
Color	White (wet)
Application Temp.	40° F to 100° F (4° C to 30° C)
Bond Strength	146 psi
Shear Strength	142 psi
Full Cure	14 days
Mildew Resistance	Good
Shelf Life	1 year when stored in original unopened Container
Health & Safety	Consult the Material Safety Data Sheet (MSDS) for safe handling instructions

CAUTION

KEEP OUT OF REACH OF CHILDREN. Keep from freezing. If ingested, seek medical attention. Eye or skin contact, flush thoroughly with water. If irritation occurs, seek medical attention.

WARRANTY

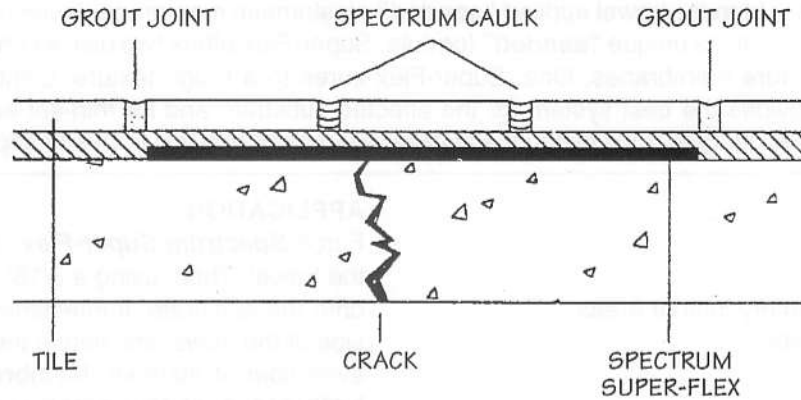
The recommendations, suggestions, statements and technical data are based on the best knowledge available and are given for informational purposes only and without any responsibility. This warranty is limited to the original owner and may not be enlarged by our sales representatives, written sale information or drawings. Spectrum Mfg. Corp. and seller's liability for damages hereunder shall not exceed the purchase price of the goods used. Spectrum Mfg. Corp. and sellers warrants only that the goods will be free from defects in material.



Peoria, AZ

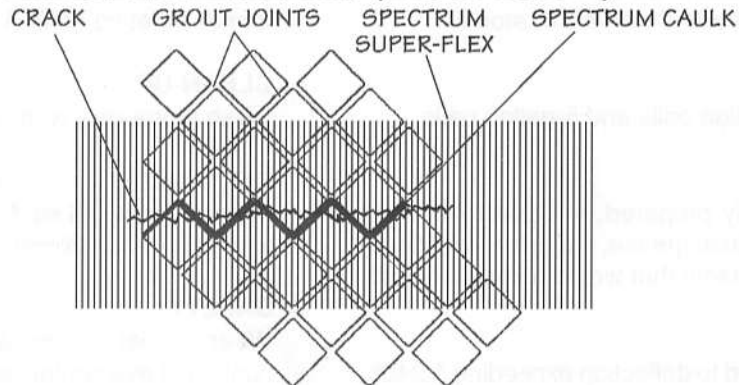
INSTALLATION EXAMPLES

CRACK ISOLATION (SIDE VIEW)



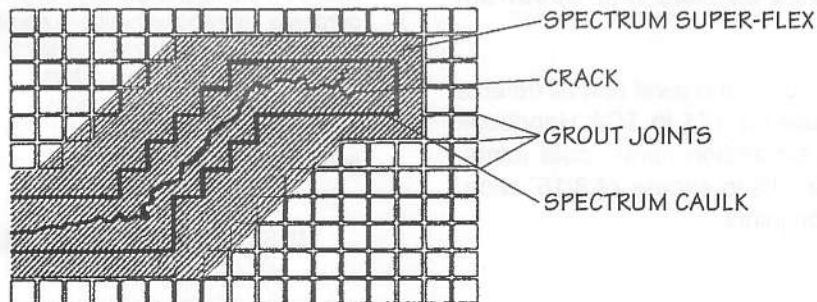
NOTE: MEMBRANE SHOULD EXTEND BEYOND BOTH SIDES OF THE CRACK
A MINIMUM OF THE DIAGONAL MEASUREMENT OF THE TILE

CRACK ISOLATION (DIAGONAL)



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CRACK ISOLATION (TOP VIEW)



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