



# Ensemble de suppression des fissures

DS-648F-0524

**Globally Proven  
Construction Solutions**



## 1. NOM DU PRODUIT

Ensemble de suppression des fissures

## 2. FABRICANT

LATICRETE International, Inc.

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## 3. DESCRIPTION DU PRODUIT

Crack Suppression Kit consists of liquid rubber and reinforcing fabric packaged for convenient individual treatment of substrate cracks. When cured, it forms a highly flexible membrane that reduces or eliminates crack transmission in tile or stone work.

### Utilisation

- Wherever hairline cracking or “spiderwebbing” occurs in the substrate, including interior or exterior floors and walls
- For use over shrinkage and other non-structural cracks up to 1/8" (3 mm) wide
- Ideal for suspended or on grade concrete slabs in malls, lobbies and residential applications under ceramic tile and stone installed by the thin-bed or bonded thick-bed methods
- Cover joints in plywood, cement backer boards, and concrete masonry on floors and walls
- Also use over concrete floors and underlayments containing radiant heating

### Avantages

- Reduces crack transmission in ceramic tile, thin brick and stone
- Contains anti-microbial protection to inhibit the growth of stain causing mold and mildew in the membrane
- Thin—adds no appreciable thickness to floor construction: install tile with LATICRETE® polymer fortified thin set mortar directly to cured membrane
- Easy to Apply—goes on quickly with paint brush or roller—no mixing or special equipment required
- Fast Cure—ready in a few hours to receive ceramic tile and stone
- Easy Cleanup—cleans with water while fresh
- “Extra Heavy Service” rating per TCNA performance levels (RE: ASTM C627 Robinson Floor Test)
- No harsh fumes, non-flammable

### Supports Appropriés

#### Conditionnement

Fût de 7,6 L (2 gal) de liquide en trousse de suppression de fissures, rouleau de tissu de renforcement de 38 cm x 23 m (15 po x 75 pi (largeur x longueur))

#### Couverture approximative

Approximately 75 linear ft (23 m) at 20 mil (0.5 mm) thickness per unit.

### Restrictions

- DO NOT use over expansion joints, structural cracks or areas with differential vertical movement.
- Crack Suppression Kit is not a waterproofing membrane. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane (see Section 10 FILING SYSTEMS).
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes.
- Apply to surfaces above 45°F (7°C). Maintain a constant temperature greater than 45°F (7°C) for 24 hours after installation.
- Not intended as a wearing surface—must be covered with tile, or other traffic bearing material
- DO NOT bond to particle board, luan, Masonite® or hardwood surfaces.

### Mises en garde

- Refer to product SDS for safety information

- For white and light colored marbles use white LATICRETE thinset.
- During cold weather, protect finished work from traffic until fully cured.
- For green, resin-backed agglomerates and moisture sensitive marbles, use LATAPOXY® 300 Adhesive. Refer to Data Sheet 633.0.
- Protect freshly installed membrane from water exposure.

#### 4. DONNÉES TECHNIQUES

##### Informations COV/LEED sur le produit

This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment.

Total VOC Content pounds/gallon (grams/liter) of product in unused form is 0.02 lb/gal (2.39 g/?).

##### Propriétés physiques

Physical Properties	Test Method	Crack Suppression Kit	ANSI A118.1 2
System Crack Resistance	ANSI A118.12 5.4	Pass at 1/8" (3 mm)	Pass at 1/8" (3 mm)
Elongation	ASTM D751-89; 17.1	20-30%	20-30%
Breaking Strength (Cut Strip Method)	ASTM D751-89; 16.1	1700-1900 psi (11.72-13.10 MPa)	1700-1900 psi (11.72-13.10 MPa)
Nominal Dry Thickness	LIL 1013-92	0.020" (0.51 mm)	0.020" (0.51 mm)
28 day Quarry/Concrete Shear Strength	ANSI A118.12 5.1.5	125-175 psi (0.86-1.6 MPa)	50 psi (0.34 MPa)
Point Load	ANSI A118.12 5.2	3200-3700 lb/f (14-16 kN)	1000 lbs/f (4.4 kN)

Caractéristiques sous réserve de modification sans préavis. Les résultats présentés sont typiques, mais ils reflètent les procédures d'essai utilisées. Les

performances réelles sur le terrain dépendent des méthodes de pose et des conditions locales.

#### 5. POSE

##### • Inspection

**IMPORTANT NOTE:** Verify that all cracks to be treated are caused by shrinkage due to concrete curing and are not structural in nature (typically caused by inadequate substrate design and/or construction for load conditions). Do not use Crack Suppression Kit over structural cracks or other areas with differential vertical movement.

##### Surface Preparation

All surfaces should be between 45°F (7°C) and 90°F (32°C) and structurally sound, clean and free of all dirt, oil, grease, paint, concrete sealers or curing compounds and laitance. Rough or uneven concrete surfaces should be made smooth with an underlayment to provide a wood float or better finish. Do not level with gypsum or asphalt-based products. Dry, dusty concrete slabs or masonry should be cleaned, dampened and excess water swept off. Installation may be made on a damp surface. New concrete slabs shall be damp cured and a minimum of 14 days old before application (see membrane instructions WPAF.5 for additional information). All slabs must be plumb and true to within 1/4" (6 mm) in 10 ft (3 m). Existing ceramic tile and stone installations should be thoroughly cleaned and skim coated with a LATICRETE polymer fortified thin set mortar.

1. Installer must verify that deflection under all live, dead and impact loads of interior plywood floors does not exceed industry standards of L/360 for ceramic tile and brick or L/480 for stone installations where L=span length.
2. Minimum construction for interior plywood floors.

**SUBFLOOR:** 5/8" (15 mm) thick exterior glue plywood, either plain with all sheet edges blocked or tongue and groove, over bridged joints spaced 16" (400 mm) o.c. maximum; fasten plywood 6" (150 mm) o.c. along sheet ends and 8" (200 mm) o.c. along intermediate supports with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8" (3 mm) between sheet ends and 1/4" (6 mm) between sheets edges; all sheet ends must be supported by a framing member; glue sheets to joints with construction adhesive

**UNDERLAYMENT:** 5/8" (15 mm) thick exterior glue plywood fastened 6" (150 mm) o.c. along sheet ends and 8" (200 mm) o.c. in the panel field (both directions) with 8d ring-shank, coated or hot dip galvanized nails (or screws); allow 1/8" (3 mm) to 1/4" (6 mm) between sheets and 1/4" (6 mm) between sheet edges and any abutting surfaces; offset underlayment joints from joints in subfloor and stagger joints between sheet ends; glue underlayment to

subfloor with construction adhesive. Refer to Technical Data Sheet 152 Bonding Ceramic Tile, Stone or Brick Over Wood Floors for complete details.

## Application

### **For Hairline and Shrinkage Cracks**

Crack suppression must be applied a minimum of 3 times the width of the tile or stone being installed. The tile installed over the crack cannot be in contact with the concrete.

Follow TCNA Method F125 for the treatment of hairline cracks, shrinkage cracks, and saw cut or control joints: Apply a liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid, 8" (200mm) wide over the using a paint roller or paint brush and immediately apply the 6" (150mm) wide Waterproofing/Anti-Fracture Fabric into the wet liquid. Press firmly with brush or roller to allow complete "bleed through" of liquid. Immediately apply a second liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid over the fabric and allow to dry. Apply a liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane to a minimum of three (3) times the width of the tile and immediately apply the Waterproofing/Anti-Fracture Fabric into the wet liquid. Press firmly with brush or roller to allow complete "bleed through" of liquid. Immediately apply another liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid over the fabric and allow to dry. Treat closest joint to crack, saw cut, or cold joint with LATASIL™. Refer to Detail ES-F125 (available at

[www.laticrete.com/ag](http://www.laticrete.com/ag) and TCNA Method F125 for more information.

### **For Cold and Saw Cut Joints**

Crack suppression must be applied a minimum of 3 times the width of the tile or stone being installed. The tile installed over the crack cannot be in contact with the concrete.

Follow TCNA Method F125 for the treatment of hairline cracks, shrinkage cracks, and saw cut or control joints: Fill saw cut or cold joints with a latex-fortified thin-set and allow to dry. Apply a liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid, 8" (200 mm) wide over the using a paint roller or paint brush and immediately apply the 6" (150mm) wide Waterproofing/Anti-Fracture Fabric into the wet liquid. Press firmly with brush or roller to allow complete "bleed through" of liquid. Immediately apply a second liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid over the fabric and allow to dry. Apply a liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane to a minimum of three (3) times the width of the tile and immediately apply the Waterproofing/Anti-Fracture Fabric into the wet liquid. Press firmly with brush or roller to allow complete "bleed through" of liquid. Immediately apply another

liberal coat<sup>^^</sup> of Blue 92 Anti-Fracture Membrane liquid over the fabric and allow to dry. Treat closest joint to crack, saw cut, or cold joint with LATASIL.

Refer to Detail ES-F125 (available at HYPERLINK <http://www.laticrete.com/ag>) and TCNA Method F125 for more information.

## 6. DISPONIBILITÉ ET COÛT

### Disponibilité

Les produits LATICRETE® et LATAPOXY® sont proposés dans le monde entier.

### Appeler un des numéros suivants pour obtenir des informations relatives aux distributeurs:

Numéro sans frais: 1.800.243.4788

Téléphone: +1.203.393.0010

Pour obtenir de l'information en ligne de distributeurs, visiter LATICRETE à l'adresse suivante [laticrete.com](http://laticrete.com)

### Coût

Communiquez avec le distributeur LATICRETE le plus proche.

## 7. GARANTIE

Voir 10. SYSTÈME DE CLASSIFICATION:

- 1 Year Product Warranty (US) (English)

## 8. ENTRETIEN

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY products require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers (e.g. caulking and expansion joints).

## 9. SERVICES TECHNIQUES

### Soutien technique

Pour tout renseignement, appeler la ligne d'aide du service technique de LATICRETE:

Numéro sans frais: 1.800.243.4788, ext. 1235

Téléphone: +1.203.393.0010, ext. 1235

Télécopieur: +1.203.393.1948

### Documentation technique et de sécurité

Pour obtenir la documentation technique et les consignes de sécurité, visiter notre site Web à [laticrete.com](http://laticrete.com).

## 10. SYSTÈME DE CLASSIFICATION

Des informations supplémentaires sur les produits sont disponibles sur notre site Web à [laticrete.com](http://laticrete.com). Liste des documents connexes:

- DS 230.13 LATICRETE Product Warranty (United States and Canada)

- DS 236.0: 9235 Waterproofing Membrane
- DS WPAF.5: Installation of Membranes
- DS 633.0: LATAPOXY 300 Adhesive
- TDS 152: Bonding Ceramic Tile, Stone or Brick Over Wood Floors
- DS 6200.1: LATASIL
- DS 663.0: HYDRO BAN®

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