

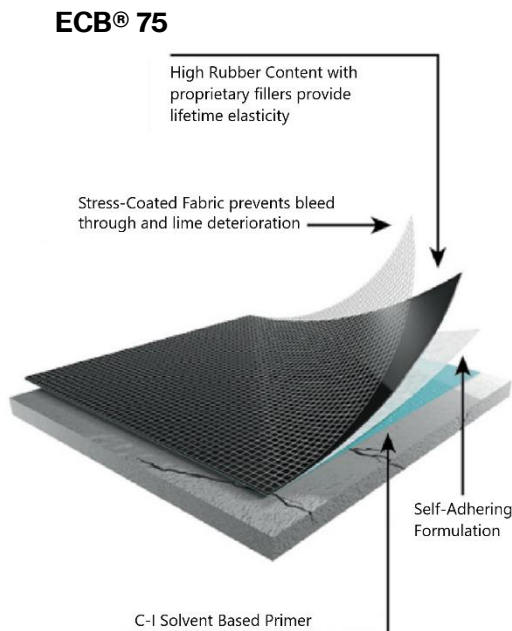
# ECB® 75 Crack Isolation Membrane

## Product Data Sheet

### PRODUCT OVERVIEW

ECB® 75 anti-fracture/crack isolation membrane is a value-priced alternative to ECB Classic. ECB® 75 consists of a base layer of polymer modified elastomers permanently laminated to a unique “stress flex” fibre sheet to form a single, high performance, self-bonding membrane. ECB® 75 is designed for use under floor surfaces that require protection from lateral structural and thermal movement.

ECB® 75 substantially reduces reflective cracking and delamination between the substrate and floor surface. Full floor coverage with 915mm ECB 75 will protect against 6.4mm lateral substrate movement. The peel-and-stick membrane is easily applied with an NAC Primer and as soon as it is positioned, flooring can be installed immediately, minimizing down time and labour cost.



### FEATURES & BENEFITS

- 6.4mm lateral movement crack protection
- Suitable for exterior and interior applications
- Peel & stick, tile over instantly!
- Eliminates control/cold joints entirely. Full floor soft joint coverage. Seamless finishes!
- Rigorously tested and compliant to all applicable Australian standards
- Zero VOCs
- Ceramic tile underlay not required
- Compatible with under-floor heating systems

### SUITABLE FLOORING

ECB Classic is recommended for installation under a variety of flooring including, ceramic, porcelain, stone, marble, slate, granite tile, pavers and brick using a thin or medium-bed mortar meeting ANSI A118.4.

Hardwood, manufactured wood, commercial grade vinyl, LVT and other finished floors are also acceptable when floated over membrane or installed with a solvent-free adhesive; check with manufacturer.

Ideal for use with radiant heated floors and low voltage tile warming systems.

### SUITABLE SUBSTRATES

ECB® 75 may be installed over a variety of substrates:

**Concrete:** Poured, pre-stressed, post-tensioned and pre-cast concrete, cement sheet, screeds, plasterboard, lightweight concrete, leveling and patching compounds.

**Wood:** Structural and marine plywood, hardwood, tongue and groove. (Gap between sheeting as required in accordance to manufacturers recommendations)

**Other Substrates:** Existing and structurally sound installations of ceramic or porcelain tile, stone, terrazzo, VCT/VAT, metal, radiant-heated, painted and sealed floors and floors damaged by shrinkage and structural movement.

- Substrates must be dry, well adhered, and clean of wax, petroleum sealers, dirt, grease, oil or other bond breakers.
- Some concrete boards are not suitable for the application of ECB Classic; check with manufacturer.
- Not recommended for vertical or overhead applications.
- A bond test is required

## SHORT FORM SPECIFICATIONS

1. **Material:** Provide ECB 75 Anti-Fracture Membrane as manufactured by: NAC Products, Inc. & Supplied by Crack Isolation Pty Ltd.
  - a. 1mm thick load bearing membrane, capable of 6.4mm lateral movement per lineal metre crack isolation protection.
  - b. Self-bonding, pressure sensitive sheet.
  - c. Compatible with most latex modified thinset mortars, epoxies and adhesives.

Provide C-I Solvent Based Primer. Full floor coverage of material to be installed in a 915mm wide strip application over control/saw cut joints as recommended by manufacturer.

2. **Equipment:** Damp mop, industrial vacuum, chalk/laser line, 230-290mm roller or flat trowel applying 50 lbs. of pressure/sq. inch, paint roller applicator or brush, utility knife.

3. **Warranty:** Crack Isolation Pty Ltd offers limited and lifetime performance and materials warranties. Please contact customer service at [info@crackisolation.com.au](mailto:info@crackisolation.com.au) for more information.

## TECHNICAL DATA

### ECB® 75 Anti-Fracture Membrane

**Thickness:** 1mm ± 0.27mm

**Seams:** Butt joint application

**Roll Size & Weight:** 915mm x 22.86 mtrs @ 23.5 kg

**Shelf Life:** 1 year

**Freeze Thaw:** Stable

Property	Test Value	Test Method
Crack Resistance	1/4" (6.4mm)	NAC Model
System Crack Resistance	Rated High Performance	ANSI A118.12
Load Bearing, Bonded Waterproof Membrane	Pass	ANSI A118.10
Shear/Bond	Pass	A118.12
System Performance	Extra Heavy Duty	A118.12

For full test results, please contact Crack Isolation Pty Ltd at [info@crackisolation.com.au](mailto:info@crackisolation.com.au)



**Crack Isolation Pty Ltd**  
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