

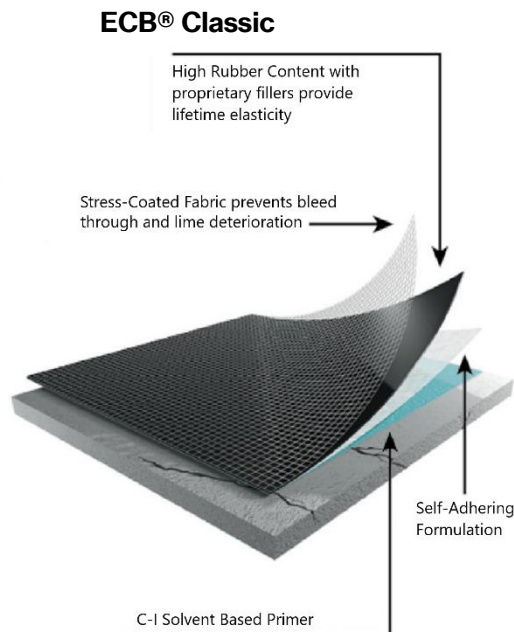
# ECB® Classic Crack Isolation Membrane

## Product Data Sheet

### PRODUCT OVERVIEW

ECB® Classic (Elastomeric Crack Bridging) is the first self-adhering, anti-fracture/crack isolation membrane ever available and is the original fast track solution for same day tile installation.

ECB® Classic is a self-bonding, sheet applied elastomeric membrane consisting of a base layer of polymer modified elastomers permanently laminated to a unique “stress flex” fibre sheet. Together they form a single, high performance, self-bonding membrane designed for use under floor surfaces that require protection from structural movement.



ECB® Classic substantially reduces reflective cracking and delamination between the substrate and floor surface. Full floor coverage with ECB® Classic will provide crack isolation protection for up to 10mm per lineal meter lateral substrate movement. The peel-and-stick membrane must be applied with C-I Solvent Based Primer and as soon as it is positioned, flooring can be installed immediately, minimizing down time and labour cost.

### FEATURES & BENEFITS

- 10mm lateral movement crack protection
- Lifetime warranty
- 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® Classic 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

- Material:** Provide ECB Classic Anti-Fracture Membrane as manufactured by: NAC Products, Inc. & Supplied by Crack Isolation Pty Ltd.
  - 1mm thick load bearing membrane, capable of 10mm lateral movement per lineal metre crack isolation protection.
  - Self-bonding, pressure sensitive sheet.
  - 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.
- 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.
- 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® Classic Anti-Fracture Membrane

**Thickness:** 1mm ± 0.27mm

**Seams:** Butt joint application

**Roll Size & Weight:** 915mm x 15.24 mtrs @ 23.5 kg

**Shelf Life:** 1 year

**Freeze Thaw:** Stable

Property	Test Value	Test Method
FHA 4900.1	Pass, 3' Head (914 mm)	ASTM D-583
Crack Resistance	3/8" (9.5 mm)	NAC Model
System Crack Resistance	Rated High Performance	ANSI A118.12
Load Bearing, Bonded Waterproof Membrane	Pass	A118.10
Shear/Bond	Pass	A118.12
Impact Resistance	Pass*	Mil-D-3134J
System Performance	Extra Heavy Duty	ASTM C-627

\*Modified for ceramic tile. 2 lb. (.91 kg) ball dropped 8' (2.44 m) on an 8" x 8" (203 mm) porcelain tile bonded to ECB® Classic Anti-Fracture Membrane.

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



**Crack Isolation Pty Ltd**  
[www.crackisolation.com.au](http://www.crackisolation.com.au)

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