

NAC's Anti-Fracture Membranes: They're Not Just for Crack Isolation Anymore.

Anyone who has installed a decorative floor knows how easily lateral substrate movement can eventually ruin it. Inevitable cracking in concrete and/or thermal expansion/contraction in other substrates will often lead to the same result: failure. And unfortunately it's rarely a matter of *if*... but *when*.

Recognizing the need for a solution, NAC Products invented self-adhering, thin-bed, crack isolation membrane technology. With its introduction of ECB, the first Elastomeric Crack Bridging Membrane ever available, contractors were finally able to assure longevity for their installations with an easy to apply membrane that allowed same day tile setting.

Fracture-free since 1983 with millions of square feet installed, the original anti-fracture membrane has evolved into a family of sheet-applied crack isolation, waterproofing and sound abatement solutions for interior or exterior use.

Original ECB is often specified for shopping malls, retail stores, airports and private residences. A 2" double-stick overlap added to the membrane to make sealing side seams easier yielded Strataflex, a natural choice for waterproofing kitchens, baths, restaurants, food courts, balconies and decks. Meanwhile, ECB's natural sound deadening properties were enhanced with proprietary fillers to create SAM³ and Super SAM, popular choices for reducing impact noise in multi-level structures like condominiums and hotels. SubSeal, a liquid waterproofing and crack suppression membrane, was recently added to enhance NAC's waterproofing systems and can be used as a stand alone membrane or as a sealant for sheet-applied membrane installations.



Carrera marble being set over ECB at the Calatrava Expansion of the Milwaukee Art Museum

All four sheet-applied systems meet the ANSI A118.12 crack isolation spec and A118.10 for waterproofing. SAM Systems are IIC and STC rated as well.

These systems have many other qualities that not only benefit hard surfaces floors like tile, but also hardwood and carpet. Because the membranes are impermeable, they are effective barriers to many hazards that lie beneath floors including radon, mold, calcium chloride and asbestos. They are also the first to be proven effective against Moisture Vapor Transmission (MVT) 10#/1000SF/24 hours, making them particularly effective for preventing pitting of natural stone surfaces, grout efflorescence, and warping of hardwood. So to say these membranes provide unsurpassed lateral crack suppression is to barely scratch the surface of their versatile capabilities.

And installation couldn't be easier: it's as simple as cleaning the substrate, applying the primer, and installing the membrane. Tile can be installed immediately after membrane installation. And if there are questions before or during the installation, installers can count on free tech support to assure the best possible results. Original solutions, time-tested

performance, ease of installation ... hmmm ... it's not hard to see why almost 25 years into its pioneering journey, NAC Products is still the premiere choice for fracture-free flooring solutions.

All full floor coverage installations of ECB, Strataflex, SAM³ and Super SAM are backed by a lifetime performance



ECB beneath PVC tubing laid for a hydronically heated floor.

warranty. They are compatible with most substrates, radiant heat and tile warming systems and can be installed over existing floors, including asbestos. So whether you're doing a small installation at a private home or protecting a 40,000 square foot hydronically heated marble floor like the one beneath which ECB was installed at the Milwaukee Art Museum, you can stand behind your project and NAC will stand behind you.

Accept no imitations. When a plan calls for "ECB or architect approved equal," remember – NAC's ECB is the time tested ORIGINAL. Strataflex, SAM³ and Super SAM are each built on that same revolutionary foundation.

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