

ECB® Kit

1' Wide Strip Applications

PRODUCT OVERVIEW

Full floor installation of ECB membrane provides the most effective crack isolation protection. However, the ECB Kit allows for strip applications of the membrane so you can install over hairline fractures in the substrate. The ECB Kit is ideal for tiles measuring 12" or less and will protect finished floors from lateral substrate movement up to 1/4".

SUITABLE SUBSTRATES

Strip Applications may be installed over a variety of interior, residential substrates:

Concrete: Poured, pre-stressed and pre-cast concrete, concrete backerboard, mud beds, gypsum, lightweight concrete, leveling and patching compounds.

- Some concrete boards are not suitable for the application of ECB 75 Membrane; check with manufacturer.

Wood: Plywood, APA-rated sheathing, Sturd-I-Floor, hardwood, tongue and groove and OSB with standard face. (Gap between sheathing as required.)

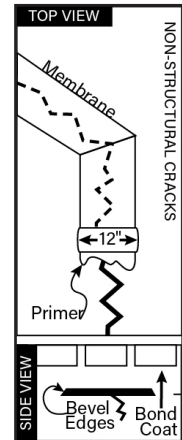
Other Substrates: Existing and structurally sound installations of ceramic or porcelain tile, stone, terrazzo, VCT/VAT, metal, radiant-heated, painted and sealed floors and floors damaged by shrinkage and structural movement. A bond test is recommended.

SURFACE PREPARATION

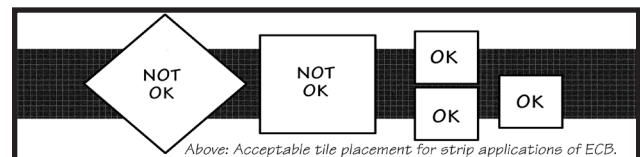
- Surfaces must be level, structurally sound and meet L/360 for ceramic/porcelain tile or L/720 for stone tile on live or dead loads. Maximum variation of 1/4" in 10' from the required plane. **See current TCNA Handbook for additional guidelines.**
- DO NOT** install membrane **under** mortar beds or leveling and patching compounds.
- DO** install membrane **over** cured mortar beds, leveling and patching compounds.
- Surfaces must be clean, dry and free of holes, projections, moisture or bond breakers such as waxes, petroleum based sealers, dirt, grease or oil.
- Grind bumps and level slab depressions with quality latex underlayment in accordance with manufacturer's instructions. Scarify smooth surfaces.
- Ensure joist spacing consists of no more than 16" on center and a double sub-floor consists of at least 5/8" per sheet.
- Perform Black Mat MVT (Moisture Vapor Transmission) test to determine if moisture is present.
 - If no MVT is present, proceed to the installation process.
 - If MVT is present, conduct a Relative Humidity Test or F-1869-98 test for emissions. If MVT is in excess of 3#/1000SF/24HRS or has an R.H. greater than 85%, call NAC for instructions.
- For absorptive substrates, up to three coats of Moisture Lock 101® may be applied according to manufacturer's instructions. **(see Moisture Lock 101 PDS for complete info)**
- Not recommended for vertical, overhead or exterior surfaces.

INSTALLATION

- Substrate temperature should be a minimum of 65°F.
- Measure membrane to the desired length and extend membrane 6"-8" beyond the crack in both directions and cut, leaving the white release paper intact.
- Re-roll the cut membrane and set it aside.
- Thoroughly mix/shake NAC TAC Primer and apply to area where membrane is to be installed using the primer brush or a short nap roller.
- Allow primer to cure until tacky to touch, but non-transferable to finger. This may take as little as 10 minutes, but usually no more than 45 minutes, depending upon temperature, humidity, internal moisture level/porosity of substrate and application thickness. Air pockets may form if membrane is installed over wet primer.
- Center rolled up piece of membrane over the crack.
- Remove approximately 2" of the release paper and firmly apply the edge of the membrane to the substrate.
- Remove the remainder of the release paper in the opposite direction, exposing and unrolling the self-bonding portion of the membrane.
- Press membrane into place and secure the membrane to the substrate using a 75-100# roller or heavy pressure from the flat edge of a trowel.
- Bevel edges of the membrane with setting material
- A latex modified setting material in accordance with ANSI A118.4 is required when installing ceramic tile and other related products. Key setting material into membrane with the flat side of a trowel. Re-apply with the notched side of a trowel as recommended by the tile manufacturer and in accordance with the tile size.



When using strip applications of ECB 75 membrane, be sure to follow the acceptable placement of tile:



For questions, contact NAC at 800-633-4622 or NACproducts.com.



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