

CRACK BUSTER® PRO CRACK PREVENTION MAT UNDERLAYMENT

- **Rated for extra heavy duty applications**
- **Easy application — Peel & Stick**
- **Elastomeric — Reduces crack transmission in tile and stone floors**
- **Reduces downtime allowing immediate installation of tile**
- **Seal surface with Custom's Peel & Stick Primer**

PRICE



PRODUCT DESCRIPTION

Crack Buster® Pro is a self-bonding fabric and asphaltic mat designed to reduce crack transmission in ceramic tile or stone floors in extra heavy duty commercial installations. Use as an anti-fracture membrane to bridge horizontal cracks up to 3/8" (9.5 mm) in full floor thin-set applications or as a crack isolation membrane when an individual crack is bridged with the membrane. Its uniquely designed surface texture allows secure bonding of all types of tile and stone. High strength peel-and-stick backing allows quick and easy application to virtually any substrate. Suitable for all interior or exterior, heavy-duty commercial tile and stone installations.

USES — TILE TYPES

- Ceramic tile, all types including impervious porcelain
- Natural stone
- Terrazzo

AREAS OF USE

- Interior and exterior applications
- Concrete, mortar beds, masonry
- Lightweight concrete and/or air entrained concrete
- Primed gypsum underlayment (minimum 2000 PSI cured)
- Post-tension concrete
- Exterior Grade Plywood
- Primed OSB
- Exterior decks
- Ceramic tile
- Resilient flooring
- Cutback adhesive
- Radiant heating systems

LIMITATIONS

- Do not bond tile directly to hardwood, Luan plywood, particle board, parquet, cushion or sponge-back vinyl flooring, metal, fiberglass or plastic.
- Do not apply at temperatures below 50° F (10° C).
- Do not use as a wear surface. Membrane must be covered with tile.
- Not for controlling vertical movement cracks or cracks greater than 3/8" (9.5 mm).
- When setting dimensional stone larger than 12" x 12" (30 x 30 cm) contact Technical Services for recommendations regarding subfloor deflection requirements.

SURFACE PREPARATION

General Surface Preparation:

Surfaces must be structurally sound, clean, dry and free from grease, oil, dirt, curing compounds, sealers, adhesives or any other contaminant that would prevent a good bond. Glossy or painted surfaces must be sanded, stripped and cleaned of waxes, dirt or any contaminants.

Concrete must be fully cured and accept water penetration. Test by sprinkling water on various areas of the substrate. If water penetrates, then a good bond can be achieved. If water beads, surface contaminants are present and loss of adhesion may occur. The contaminants should be removed before installation. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Concrete slabs should have a broomed or brushed finish to enhance the bond. Smooth concrete slabs must be roughened to ensure a good bond.

Gypsum Substrates:

Gypsum substrates must have a PSI greater than 2000 and must first be primed or sealed per manufacturer's instructions.

Plywood Substrates:

Plywood flooring including those under resilient flooring must be structurally sound and meet all ANSI and deflection requirements. For questions about proper subfloor installation, call Technical Services.



CUSTOM®
BUILDING PRODUCTS

Existing Ceramic Tile, Resilient Flooring, or Plastic Laminates:

Resilient flooring or plastic laminates must be well bonded, clean and free of all contaminants. Roughen the surface by sanding or scarifying, rinse and allow to dry. Do not sand flooring containing asbestos. For existing well-bonded ceramic tile, mechanically abrade with carborundum stone. Rinse and allow to dry. When sanding we recommend the use of an approved respirator.

Cutback Adhesive over Concrete:

Adhesive layers must be removed as they reduce mortar bond strength to cement surfaces. Use extreme caution as adhesives may contain asbestos fibers. Do not sand or grind adhesive residue, as harmful dust may result. Never use adhesive removers or solvents, as they soften the adhesive and may cause it to penetrate into the concrete. Adhesive residue must be wet-scraped to the finished surface of the concrete, leaving only the transparent staining from the glue. Do a test bond area first, to determine desirable results. Refer to the RFCI Pamphlet, "Recommended Work Practices for Removal of Resilient Floor Coverings" for further information.

Control Joints:

Although Crack Buster Pro can go directly over control joints it does not eliminate the need for expansion joints. Expansion joints should be installed at the usual intervals in accordance with industry standards. The installation of two joints filled with flexible sealant on either side of movement joint can be used to eliminate cutting tile and/or to preserve tile patterns, designs or layouts from interruption. They must be brought through the tile work and filled with an appropriate elastomeric sealant.

APPLICATION

Primer:

For proper adhesion and optimal bond, prime the substrate with Custom's Peel & Stick Primer with a paint brush, short nap roller or a soft push broom. Apply an even coat and allow to dry until tacky to the touch, about 30 – 40 minutes. When the primer does not transfer to your finger, the surface is ready for application of Crack Buster Pro.

Full Floor Application:

Unroll the membrane while the release sheet is still attached and position it over the area to be treated and cut to appropriate length. Roll up half of the cut membrane leaving the other half still in position. Cut release sheet from the rolled up portion and pull it towards you exposing and unrolling the self stick portion of the membrane. Re-roll the unrolled portion of the membrane and follow the same procedure. Check the positioning and smooth out wrinkles and bubbles with a flat trowel and roll with a 50 lb. (26 kg) roller, or apply 50 lb. of pressure with a hand roller, to ensure complete contact with the substrate. Air pockets and wrinkles should be slit and smoothed with a roller or the flat side of a trowel. Align subsequent sheets and butt join the seams tightly but do not overlap them.

Crack Isolation Application:

With the release sheet still attached, pre-measure and cut membrane to desired length. Membrane should extend 6" to 8" (15 – 20 cm) beyond the length of the crack in both directions and extend beyond both sides of the crack a minimum of the diagonal measurement of the tile. Re-roll membrane and center over the crack. Remove about 2" (5 cm) of release paper and apply firmly to the substrate. Pull off the rest of the release paper exposing and unrolling the self-stick portion of the membrane. Secure membrane to the substrate by rolling with a 50 lb. (26 kg) roller or 50 lb. of heavy pressure from a hand roller or flat trowel.

TILE INSTALLATION

Tile can be set with any Custom polymer-modified mortar meeting ANSI A118.4 or A118.11 standards or Custom 100% Solids Epoxy Mortar.

COVERAGE

36" x 75' (91.5 cm x 23 M) roll will cover 225 sq. ft. (20.9 M²).

CLEAN-UP

Clean tools and hands with soap and water.

ORDERING INFORMATION

ITEM CODE	SIZE	PACKAGE
CBMP36	36" x 75' (91.5 cm x 23 M)	Roll

TECHNICAL DATA

	CRACK BUSTER® PRO CRACK PREVENTION MAT UNDERLAYMENT
Thickness	1 mm
Weight	.3 lbs./sq. ft.
Robinson Floor Test ASTM	Extra heavy-duty
Elongation ASTM D412	1200%
Bacteria and Fungus Resistance	No growth
Peel Adhesion ASTM D1000	>10 lbs./in.

LIMITED WARRANTY

Custom Building Products ("Custom") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Custom's sole liability under this warranty shall be limited to the replacement of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Custom's printed instructions. Custom makes no other warranties either express or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

