

- ▶ Made of **EXTREME-DENSITY SYNTHETIC RUBBER**
- ▶ For use under **Ceramic** and **Porcelain Tile**
- ▶ Also for use under **Luxury Vinyl Tile/Plank, Rigid Composite, WPC, Laminate, Engineered Wood, and Solid Hardwood**

Leggett & Platt® Flooring Products

# ACI-125®

## Acoustical Crack Isolation Membrane

- Extreme density for unmatched support under today's popular ceramic and porcelain tile
- Pliable rubber composition allows movement to reduce stress transmission from the concrete slab to the tile installation to help prevent tiles from cracking
- Protects against horizontal, in-plane, slab substrate cracks up to 1/8"
- Helps reduce sound transference between floors and retains acoustic properties over time
- Can be used above or below grade and installs quickly
- For use over in-floor heating and is recommended by the Radiant Professionals Alliance as an excellent choice
- Fresh Dimension® antimicrobial helps to inhibit the growth of mold, mildew, and odor-causing bacteria
- Passes California Section 01350 for low VOC emissions

Visit [LPFlooringProducts.com/ACI-125](https://www.LPFlooringProducts.com/ACI-125) for more information.

# ACI-125<sup>®</sup> Acoustical Crack Isolation Membrane

## SPECIFICATIONS

Composition:	Made of Extreme-Density Synthetic Rubber	
Density:	66 lbs/ft <sup>3</sup> or 40 oz/yd <sup>2</sup>	
Thickness:	0.051" (1.3 mm)	
R-Value:	0.02	
Color:	Tan	
Water Vapor Emission:	0.511 lbs/1000 ft <sup>2</sup> /24 hrs	
Permeance*:	2.329	
Product Codes:	BM0087	BM0088
Dimensions:	36" x 33.33'	54" x 44.44'
Ft <sup>2</sup> /Roll:	100	200
Yd <sup>2</sup> /Roll:	11.11	22.22
Roll Weight:	28 lbs	56 lbs

\*Conduct moisture tests in accordance with flooring manufacturer installation guidelines and requirements

## ACOUSTICAL PROPERTIES

Impact Insulation Class (IIC) (ASTM E989)**	63
ΔIIC (ASTM E2179)	17
Sound Transmission Class (STC) (ASTM E413)**	64

\*\*When tested with floor-ceiling assembly

## PERFORMANCE PROPERTIES

Standard	Test	Subfloor	Installation***	Tile	Cycles	Description of Requirement	Result
ANSI A118.12	System Crack Resistance	-	-	-	-	>0.125 (1/8") for High Performance	Pass
1 ASTM C627-18	Robinson Test	Concrete	Thin-set	Ceramic	1-12	Heavy Commercial, Light Commercial, Residential	Pass
2 ASTM C627-18	Robinson Test		Multipurpose Adhesive	Ceramic	1-6	Light Commercial, Residential	Pass
3 ASTM C627-18	Robinson Test		Spray-Lock Adhesive	Ceramic	1-6	Light Commercial, Residential	Pass
4 ASTM C627-18	Robinson Test		Pressure-sensitive Adhesive	Ceramic	1-3	Residential	Pass
5 ASTM C627-18	Robinson Test	15/32" Plywood Over 23/32" Tongue and Groove Plywood	Thin-set	Porcelain	1-6	Light Commercial, Residential	Pass
6 ASTM C627-18	Robinson Test	Over 16" On Center joist	Multipurpose Adhesive	Porcelain	1-12	Heavy Commercial, Light Commercial, Residential	Pass

\*\*\*Installation describes the adhesive type used to attach ACI to the subfloor.

## PROTECTION

Indoor Air Quality:	Passes California Section 01350 for low VOC emissions
Antimicrobial:	Fresh Dimension®
Warranty:	Limited

## LIFE-OF-THE-FLOOR UNDER WHICH IT IS INSTALLED WARRANTY

Please visit [LPFlooringProducts.com/ACI-125](http://LPFlooringProducts.com/ACI-125) for detailed warranty information.

