



# SikaTile®-250 Fracture Guard UCM

## UNCOUPLING, CRACK ISOLATION AND WATERPROOFING MEMBRANE FOR CERAMIC TILE AND STONE

- Lightweight, polyethylene sheet membrane with 2 different non-woven, polypropylene fabric layers
- Uniquely designed membrane prevents transmission of in-plane substrate cracks up to 1/8" (3 mm)
- Uncoupling, waterproofing and vapor-proof membrane
- Uniform thickness with a thin profile and lay-flat technology
- Extra heavy rating with compression resistance to support rolling loads

### Attributes Include:



**BUILDING TRUST**



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## WHERE TO USE

- As an uncoupling membrane under tile and stone for interior and exterior floors preserving the integrity of the surface of the tile and stone installation
- As a replacement for cement backer board on plywood or oriented strand board (OSB) floors in dry areas
- Over green or young concrete slabs before the full 28-day cure when installing tile or stone
- Isolate stresses beneath the flooring associated with expansion and contraction of substrate materials, and address existing in-plane cracks in the subfloor
- Combine with SikaTile®-150 Moisture Guard Fabric seam tape, inside/outside corners and Sikaflex®-11FC to use as a vapor retarder and waterproofing assembly.

## RECOMMENDED SUBSTRATES

SikaTile®-250 Fracture Guard UCM can be installed in most interior and exterior residential and commercial installations on floors over the following recommended substrates:

- Cement Backer Units<sup>1</sup>
- Cement Mortar Beds (cured)
- Cement Terrazzo<sup>2</sup>
- Ceramic Tile and Stone<sup>2</sup>
- Concrete
- Exterior Grade Plywood<sup>2</sup>
- Gypsum Underlayment<sup>1</sup>
- Gypsum Mortar Bed
- Oriented Strand Board<sup>2</sup>
- SikaLevel® Products
- Young Concrete

<sup>1</sup> Consult manufacturer for installation recommendations and to verify acceptability for use.

<sup>2</sup> Interior use only.

COVERAGE	
Roll Size	Approximate Coverage*
39.4" (1 m) x 32.8' (10 m)	108 sq. ft. / 10m <sup>2</sup>
39.4" (1 m) x 98.4' (30 m)	323 sq. ft. / 30 m <sup>2</sup>

\*Always refer to current PDS and SDS for detailed performance specifications prior to use.



## FEATURES AND BENEFITS

- Lightweight, polyethylene sheet membrane with 2 different non-woven, polypropylene fabric layers
- Uniquely designed membrane prevents transmission of in-plane substrate cracks up to 1/8" (3 mm)
- Uniform thickness with a thin profile and lay-flat technology
- Uncoupling, waterproofing and vapor-proof membrane up to 25 lb (11.3 kg) MVER and 100% relative humidity (RH) when combined with SikaTile®-150 Moisture Guard Fabric seam tape and inside/outside corners
- Easy handling, easy to cut and fast installation allow for immediate tile installation using SikaTile® polymer-modified mortars
- Recommended for use with polymer-modified mortars
- Can be used with any size tile including mosaics.
- For residential and commercial interior and exterior use
- Approved for use over young (green) concrete and mortar beds
- Extra heavy rating with compression resistance to support rolling loads
- Easily conforms to substrate

Roll Size	Test Method	Results
Thickness	--	0.035 in
Width	--	3' 3.4" (1 m)
Weight	--	.076 lbs/sf (375 g/m <sup>2</sup> )
Seam Strength	ANSI A118.10 Section 4.2	45 lbf
System Crack Resistance Test	ANSI A118.12 Section 5.4	High Performance
Robinson Floor (with appropriate materials)	ASTM C627	Extra Heavy
Water Vapor Transmission	ASTM E96 Method E	0.05 Perms
Water Vapor Transmission	ASTM E96 Method A	0.03 Perms

## FOR MORE INFORMATION:

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