

Technical Data Sheet of Uncoupling Membrane

The polyethylene uncoupling membrane has a grid structure of square cutback cavities with an anchoring fleece laminated to the underside. The open rib structure allows for in-plane movement, which effectively neutralizes the movement stresses between the substrate and the tile to prevent cracking.

- Effectively neutralizes movement stresses between the substrate and the tile
- Eliminates the major cause of cracking and delaminating of tiled surfaces
- Features a grid structure of square cutback cavities and an anchoring fleece laminated to the underside
- Features an open-rib structure, which allows for in-plane movement
- Provides uncoupling, waterproofing, vapor management and heavy-load distribution to ensure the durability and integrity of tile installations
- Installs over a wide range of substrates, including plywood/OSB, concrete, gypsum, heated floors etc
- 1/8-in thick, which minimizes tile assembly thickness

Product Specification:

Product Description	Uncoupling Membrane
Material	PE film top; PP nonwoven bottom
Roll Size	Width: 1m, Length: 30m (per roll)
Thickness	3.0mm
Film thick:	0.45mm
Installation Temperature	5°C to 40°C, but limited by tile adhesive specification
Storage Temperature	Max. 45°C
Melting	160°C
Waterproof	yes
Packing	wrapped in plastic film
Color	Blue, red and other

Warranty

Item	Details
Product Name	Uncoupling Membrane
Warranty Period	5 years from purchase date
Coverage	Replacement due to manufacturing defects (waterproofing, crack isolation, etc.)
Warranty Terms	1. Applies only under normal usage conditions.
	2. Does not cover installation errors, misuse, or physical damage.
	3. Warranty void if not installed as per instructions.
Claim Procedure	Submit proof of purchase and defect report. Upon inspection, we will provide a replacement or refund.
Exclusions	Excludes damage from external forces, accidents, or natural disasters.