

Mapeguard® UM 35

Reshaping the Industry



**Mapeguard®
UM 35**

**Uncoupling, Crack-Isolation
and Waterproofing Membrane**



DESCRIPTION

Mapeguard UM 35 is an uncoupling, crack-isolation, waterproofing and vapor-management membrane made from high-density polyethylene (HDPE) with a rough surface and polypropylene fabric backing. Mapeguard UM 35 is designed for installing ceramic and stone tile, including over existing non-cushioned resilient flooring, ceramic tile and stone tile. It is designed to perform over challenging substrates, such as young concrete and single-layer 3/4" (19 mm) plywood subfloors with joist spacing of up to 19.2" (49 cm) on center.

FEATURES AND BENEFITS

- Applicable for concrete or wood substrates
- Crack isolation up to 1/8" (3 mm)
- Low profile, at 1/8" (3 mm) thickness
- Circular-shaped cavities, allowing for easy troweling
- Waterproofing
- Vapor management up to 25 lbs. (11.3 kg) in MVER and 100% relative humidity
- Excellent mechanical and compression strength
- Lightweight
- Holds a chalk line



MAPEI USA





Existing tile



Single-layer plywood or OSB, up to 19.2" (49 cm) o.c.



Young concrete



TECHNICAL DATA

Color	Blue
Material	HDPE plastic, PP fabric
Dimensions	98'4" x 3'3" (30 x 1 m)
Thickness	1/8" (3 mm)

ANSI SPECIFICATIONS

Test Method	Test Results
ANSI A118.10 – Waterproofing membrane for thin-set ceramic tile	Pass
ANSI A118.12, Sec. 5.1.3 – Achieves bond strength of 50 psi (0.34 MPa) or greater in 7 days per test method	Pass
ANSI A118.12, Sec. 5.2.3 – Point load resistance after 28-day cure	Pass

PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
ASTM C627 Robinson Wheel test	
Floor system: Concrete slab	Extra Heavy
Floor system: 16" (41 cm) o.c., wood substrate	Extra Heavy
Floor system: 19.2" (49 cm) o.c., wood substrate	Extra Heavy

PACKAGING

Size
Roll: 323 sq. ft. (30.0 m ²) and 41 lbs. (18.6 kg)
Roll: 54 sq. ft. (5.02 m ²) and 7 lbs. (3.18 kg)



CRACK ISOLATION



VAPOR MANAGEMENT



LOAD MANAGEMENT



WATERPROOFING

Scan for video and Technical Data Sheet.

