

Moisture Management & Weather Barrier System

Vantell Utility Moisture Flash
(UMF)

Model: VUMF12

Vantell Utility Moisture Flash (UMF) is a moisture and vapor barrier designed for critical foundation and sill plate details. It is installed between concrete foundations and timber sill plates to help block moisture migration, reduce capillary wicking, and protect the wood structure from mold, rot, and long-term moisture damage.

With a convenient 12-inch width and 36 m roll length, UMF is suitable for foundation sill plates, concrete-to-wood transitions, and other moisture-sensitive connection details within the building envelope.



Product Information

Width x Length	0.3048 m x 36 m
Package	20 rolls/ctn

Technical Specifications

Gram Weight	110 g/m ² (ASTM D5261)
Thickness	0.16 mm
Vapor Permeance	< 0.5 perms (ASTM E96)
Water Resistance	Pass (Hydrostatic head of 55 cm for 5 hours, AATCC 127)
Tensile Breaking Strength	Machine Direction (MD): ≥ 300 N Cross Direction (CD): ≥ 290 N (ASTM D5034)
Elongation at Break	Machine Direction (MD): ≥ 30% Cross Direction (CD): ≥ 20% (ASTM D5034)
Nail Tear Resistance	Machine Direction (MD): ≥ 350 N Cross Direction (CD): ≥ 380 N (ASTM D228)
Air Permeance	≤ 0.02 L/(s·m ²) @ 75 Pa (ASTM E2178)