

PROVA MAT[®]

WATERPROOFING MEMBRANE

FAST SEALING: No wait time before tiling

FLEXIBLE: Crack bridging - decoupling

PROTECTS: Against mold and mildew

EASY TO HANDLE!

PROVA MAT is a thin polypropylene waterproofing membrane designed to be applied with thinset under ceramic or stone tile to most common substrates.

Unlike liquid applied waterproofing products, tile can be installed immediately onto the ProVa Mat. The ProVa Mat also provides a vapor barrier ideal for steam room and sauna applications.



TYPICAL APPLICATIONS

ProVa Mat is ideally suited for waterproofing vertical and horizontal substrates where ceramic and stone tile will be installed such as in showers, bathrooms, wellness areas, steam rooms, saunas, and exterior patios, balconies and decks that are not covering occupied space.

ACCESSORIES



1. PREPARATION

Substrate must be clean, dry, flat and structurally sound. Bonding adhesive must be able to bond to substrate.



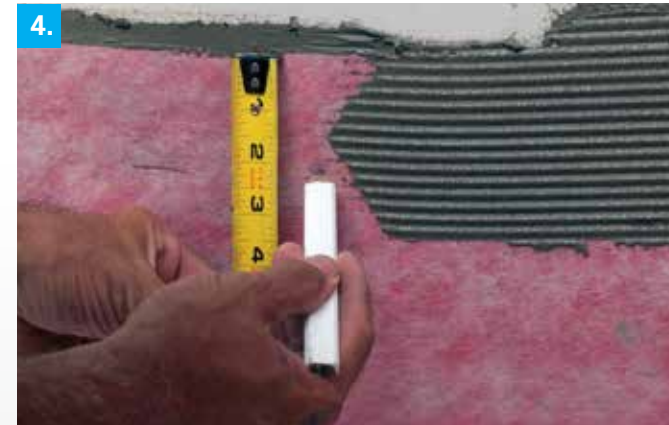
INSTALLATION: CORNERS

ProVa Corners and ProVa Joint installed first. Work from bottom to top. Apply recommended mortar to substrate using a 1/4" x 3/16" V-notch trowel. **For most substrates, a premium modified thin set mortar is recommended. Work ProVa Corners and ProVa Joint into wet mortar using a flat trowel or float, taking care not to cut material or create air pockets.



INSTALLATION: PROVA MAT

Work from bottom to top. Start with floor, then walls, last ceiling. ** Apply recommended mortar to substrate using a 1/4" x 3/16" V-notch trowel.



INSTALLATION: JOINTS

Overlap joints by a minimum of 2". Sheets may be butted and covered with ProVa Joint.



INSTALLATION: TILING

Desired finished tile or stone may be installed immediately after ProVa Mat installation or at a later date using ** recommended mortar and trowel size to create bond between tile or stone and substrate.

For further information CONTACT:
1.800.565.6653 www.provaproducts.com

TECHNICAL DATA

Thickness: Approx. 0.017" (0.43 mm)

Unit weight: Approx. 0.05 lbs/sq.² (240 g/m²)

Materials: Polypropylene membrane with bonding fleece glued to both sides.

Storage temperature:
Dry, dustless environment 41° - 77°F (5°-25° C)

Softening temperature: 266°F (130°C)

Thermal dissolution: 572°F (300°C)

Packaging / Article Number:
54 sq. ft. / 5m roll (TT8002RED05R)
108 sq. ft. / 10m roll (TT8002RED10R)
269 sq. ft. / 25m roll (TT8002RED25R)

Width: 39.37" (100 cm)

Length: 16.4' (5m) 32.8' (10m) 82' (25m)

Chemical Resistance:
Potassium hydroxide resistance (20%): Yes
Ethanoic acid resistance (5-6%): Yes
Lactic acid resistance (5-6%): Yes
Hydrochloric acid resistance (3%): Yes

TESTING RESULTS

ProVa Mat was independently tested by the Tile Council of North America and found to meet and exceed specifications for Load Bearing, Bonded, Waterproofing Membranes for Thin set Ceramic Tile and Dimension Stone Installation (A118.10).

PROPERTY	METHOD	REQUIREMENT	RESULT
Mold Growth		"Membrane shall not support mold growth"	Pass
Seam Strength	ASTM D751	16lbs/2" width	50 lbs/2" width
Breaking Strength Longitudinal	ASTM D751	170 psi	1933 psi
Breaking Strength Transverse	ASTM D1204	170 psi	1423 psi
Waterproof	ASTM D4068	No moisture penetration	Pass
Dimensional Stability	ASTM C482	0.7% max. length change	Pass
7-day shear strength	ASTM C482	50 psi	105 psi
7-day water immersion shear strength	ASTM C482	50 psi	85 psi
4-week shear strength	ASTM C482	50 psi	123 psi
12-week shear strength	ASTM C482	50 psi	98 psi
100-day water immersion shear strength	ASTM C482	50 psi	79 psi