



PROVA-MAT®

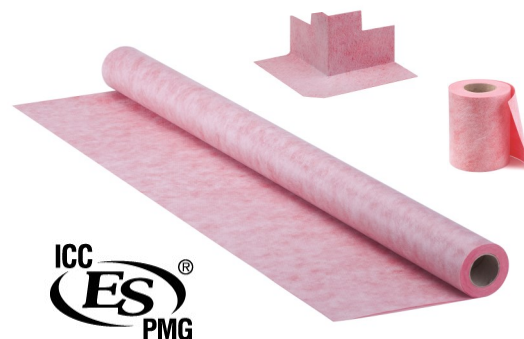
PROVA-MAT® is a thin polypropylene waterproofing membrane designed to be applied with modified thinset mortar under ceramic or stone tile to most common substrates. PROVA-MAT® also provides a vapor barrier ideal for steam room and sauna applications. Accessories, PROVA CORNER® and PROVA JOINT®, are made of the same materials as PROVA-MAT®.

PROVA-MAT® Dimensions and Part Numbers

- 54 ft²/5 m roll (TT8002RED05R)
- 108 ft²/10 m roll (TT8002RED10R)
- 269 ft²/25 m roll (TT8002RED25R)
- **Width:** 3.28' (1 m)
- **Length:** 16' (5 m); 33' (10 m); 82' (25 m)
- **Thickness:** ~0.017" (0.43 mm)

PROVA CORNER® and PROVA JOINT® Dimensions and Part Numbers

- **Inside PROVA CORNER®:** Thickness: 0.026" (0.65 mm), TT8003INSCR
- **Outside PROVA CORNER®:** Thickness: 0.026" (0.65 mm), TT8003OUTCR
- **PROVA JOINT®:** 25' (7.62 m) x 5" (0.13 m) x 1.38" (35 mm), TT8001RED25R
- **PROVA JOINT®:** 82' (25 m) x 5" (0.13 m) x 1.38" (35 mm), TT8001RED82R



See ICC-ES Listing No. [ESR-3603](http://www.ICC-ES.org) at www.ICC-ES.org.

Technical Tests Conforming to ANSI A118.10 (ESR-3603)

Material Property	Test Method	Test Requirement	Result
Fungus and Microorganism Resistance	ANSI A118.10 (section 4.1)	The membrane shall not support mold growth.	Pass
Seam Strength	ASTM D751	8 lb. per in. width (16 lb./2 in.) minimum.	50 lb./2 in. width
Breaking Strength	ASTM D751	170 psi minimum.	Longitudinal: 1933 psi Transverse: 1423 psi
Dimensional Stability	ASTM D1204	0.7% maximum length change (expansion or shrinkage).	Pass
Waterproofness	ASTM D4068-01 (Annex 2)	The membrane shall not exhibit moisture penetration after being left under hydrostatic pressure for 48 hours.	Pass
Shear Strength	ASTM C482-9.8	Average shear strength greater than 50 psi.	7-day: 105 psi 7-day water immersion: 85 psi 4-week: 123 psi 12-week: 98 psi 100-day water immersion: 79 psi

Additional Technical Characteristics

Unit Weight:

PROVA-MAT®: 0.05 lb./ft² (240 g/m²)

Inside PROVA CORNER®: 0.015 lb. (7 g)

OUTSIDE PROVA CORNER®: 0.017 lb. (7.5 g)

PROVA JOINT®: 0.03 lb./ft² (155 g/m²)

Chemical Resistances: Potassium hydroxide (20%), Ethanoic acid (5%-6%), Lactic acid (5%-6%), Hydrochloric acid (3%), Alkali resistant

Storage Temperature: Room temperature

Softening Temperature: 266°F (130°C)

Thermal Dissolution: 572°F (300°C)

Water Vapor Permeance: 0.42 perms (ASTM E96)

Material: Polypropylene with bonding fleece glued to both sides

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PROVA-MAT®

INSTALLATION SUMMARY

Prior to installation, ensure that the substrate is **clean, dry, flat**, and **structurally sound**. The bonding adhesive must be able to bond to the substrate. Suitable substrates for PROVA-MAT® include plywood (EPG), drywall, backer board, and cement slab.



Step 1: TREAT CORNERS AND JOINTS

Treat all corners and wall-to-wall, wall-to-floor connections using PROVA CORNER® and PROVA JOINT® products.

Apply modified thinset to the substrate using a 1/4" x 3/16" V-notch trowel. Work PROVA CORNER® and PROVA JOINT® into the thinset using the flat side of the trowel, taking care to eliminate air pockets. If piping exists, these surfaces should now be treated with PROVA PIPE SEAL®.

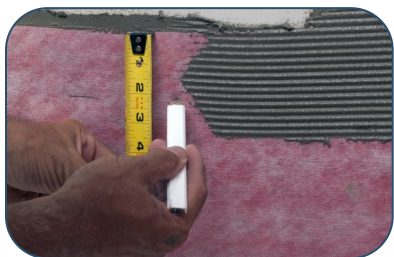


Step 2: COVER SUBSTRATES WITH PROVA-MAT®

Cut PROVA-MAT® to the appropriate dimensions for the large substrate sections.

Apply modified thinset to the substrate using a 1/4" x 3/16" V-notch trowel. Working from bottom to top, press the PROVA-MAT® sections into the thinset.

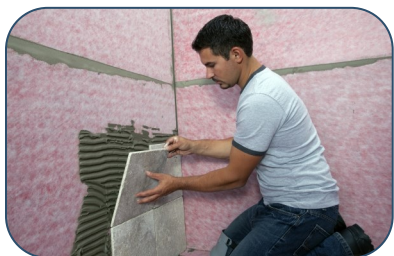
Use the flat side of the trowel while moving in a diagonal direction to eliminate all air pockets and remove excess thinset. Check the underside of the membrane to ensure the complete transfer of thinset.



Step 3: OVERLAP JOINTS

Overlap adjacent sections of PROVA-MAT® and PROVA PIPE SEAL® by a minimum of 2".

Apply PROVA JOINT® to adjacent sections where the sheets do not overlap by a minimum of 2".



Step 4: TILE THE INSTALLATION

Finish the PROVA-MAT® installation with tile or stone over modified thinset.

It is recommended that tiling or water tests be completed 24 hours after the initial mortar has set. If using a rapid setting mortar, tiling may be completed after as little as 2 hours, but be sure to follow the timelines provided by the mortar manufacturers for every case.