

RichPan Product Data

Shower Pan Liner

1. PRODUCT NAME

RichPan
Shower Pan Liner

2. MANUFACTURER

Noble Company
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3. PRODUCT DESCRIPTION

RichPan is a flexible Polyvinyl Chloride (PVC) membrane used under mortar bed installations for concealed waterproofing.

Approvals and Standards:

Meets ASTM D4551 and is listed with IAPMO (File #3557).

Applications:

- Interior Showers
- Hotels
- Condominiums
- Single/Multi Unit Homes

Limitations:

Tile cannot be bonded directly to RichPan. RichPan is not designed for exposure to direct sunlight. Contact Noble Company for details.

Composition and Materials:

RichPan is a thin .040" (1.0 mm) PVC membrane for full mortar bed installations.

Product Dimensions:

Nominal thickness of 1.0 mm (.040")
4' x 50' (1.2m x 15.2m) roll
5' x 50' (1.5m x 15.2m) roll
6' x 50' (1.8m x 15.2m) roll

Accessories:

Preformed outside corners; PVC seaming cement; NobleSealant 150 - sealant for drains, penetrations, and for seaming sheets together.

4. TECHNICAL DATA

See back page.

5. INSTALLATION

Install on a sloped subfloor under a full mortar bed (1.5" min.). Installers should be experienced and familiar with current written RichPan instructions and applicable codes and standards, and Tile Council of North America guidelines.

6. AVAILABILITY AND COST

Availability: Contact Noble Company.

Cost: The installed cost is competitive to materials currently being marketed. Due to project variability, cost estimates are best provided by local distributors or contractors. Contact Noble Company for the nearest distributor.

7. WARRANTY

RichPan is guaranteed for five years by Noble Company against failure caused by rotting, cracking, and microorganism deterioration when properly installed in concealed construction waterproofing and applications for which its use is recommended by Noble Company. This warranty is limited to replacement of defective material and freight charges to destination only. There are no other expressed or implied warranties, and this warranty is in lieu of any other warranty, including, but not limited to, implied warranties of merchantability and fitness for purpose. Noble Company is not responsible for consequential damages. The remedy of the purchaser set forth herein is exclusive.

8. HOW TO SPECIFY

Specify in Division 15. Where required provide RichPan, a sheet membrane manufactured from Polyvinyl Chloride (PVC), with a nominal thickness of 1.0 mm (.040").

9. TECHNICAL SERVICES

Specifications, drawings, and installation procedures will be reviewed upon request. Samples and field support are available through The Noble Company staff or factory representatives. Contact The Noble Company for details.



TEST DATA - Based on Unsupported Sheet

PROPERTIES	ASTM D4551 Specifications (40 mils)	TYPICAL VALUE
Thickness, inches	.040"	.040"
Tensile strength, lbf/in of width (psi)	80 lbs. min.	109 lbs.
Tensile strength at 100% elongation, lbf/in of width (psi)	40 lbs. min.	47 lbs.
Ultimate elongation before breaking	300% min.	388%
Tear resistance, lbf/in of width (psi)	250 lbs. min.	298 lbs.
Pinholes	None	None
Micro-Organism Resistance (fungus, mildew, mold)	No Growth	Pass
Chemical Resistance: Distilled H2O % Weight Change Soapy H2O % Weight Change Alkali, pass/fail (hydrostatic)	1% 2% Pass	Negligible 0.3% Pass
Shrinkage, dimension change at 158°F ASTM 1204	5%	2%
Volatility, % loss at 158°F after aging	1.5 max	None
Hydrostatic Pressure (to test water penetration): Original Condition After Folding Test (cold crack, 4 hrs. @ 0°F) After Puncture Test After Indentation Test	Pass Pass Pass Pass	Pass Pass Pass Pass

These suggestions and data are based on test results Noble Company believes to be reliable. Users should verify by tests that this product, as well as these methods, are suitable with the products being used in their application. Since specific use, materials, and handling are not controlled by Noble Company, this warranty is limited to the replacement of defective Noble Company products. Noble Company disclaims any responsibility for (a) warranties of merchantability and fitness for purpose; (b) verbal recommendations of its representatives; and (c) consequential damages.

