



A Ludowici roof is crafted to last for centuries and your underlayment should be just as durable. Ludowici Pro 70 Underlayment provides superior roof deck coverage versus traditional felt underlayment. It does not curl or scuff and its rubberized asphalt content provides a more pliable membrane, proving itself to be less susceptible to damage during installation and saving on installation time by laying smoother. Ludowici Pro 70 does not decompose like felt, providing a much more stable and long lasting underlayment for your new Ludowici roof.

## TECHNICAL DETAILS

- ◆ Modifier: SBS Rubberized Asphalt
- ◆ Reinforcement: Fiberglass Mat (Asbestos-Free)
- ◆ Breaking Strength: MD 78 lb./in. ASTM D226, CD 57 lb./in.
- ◆ Moisture Content: less than .4% ASTM D226
- ◆ Weight Per Roll: 68 lbs.
- ◆ Dimensions: 39 <sup>3</sup>/<sub>4</sub>" w x 32' 6" l
- ◆ Coverage Per Roll: 1 square
- ◆ Rolls Per Pallet: 36

## APPROVALS & CERTIFICATIONS

- ◆ Exceeds ASTM D226 Physical Requirements
- ◆ Meets Class 1 Vapor Retarder as defined in the 2012/2015 International Building Code as tested per ASTM E 96
- ◆ IAPMO ESR ER-487





# LUDOWICI PRO 70 UNDERLAYMENT



**USAGE:** Underlayment Base  
Waterproof base for torch down APP, SBS & BUR system



**APPLICATION:** Mechanically Attached  
Secure with 1" head nails / staples shall not be used

**PACKAGING:** Paper Wrapped  
36 rolls/pallet

	UNIT	STANDARDS								LUDOWICI PRO 70	
		ASTM D226		ASTM D4601		ASTM D4869		ASTM D6757	ICC AC165		
		Type 1	Type 2	Type 1	Type 2	Type 3	Type 4	Type 2	—		
Reinforcement	—	Fiberglass Mat (Asbestos-Free)									
Top Surfacing	—	Sand									
Bottom Surfacing	—	Sand									
Accumulated Time of Exposure (max)	days	60 However, Ludowici recommends that Ludowici Pro 70 be covered by an approved roof covering as soon as possible.									
Roll Coverage	squares	1									
Lay Lines	inches	2 - 4 - 6 - 19									
Roll Weight	lbs	—								68	
Roll Length	ft + inches	—								32' 6"	
Roll Width	inches	—								39.75	
Thickness	mil	—								83	
Net Mass	lbs/100ft²	11.5	26	13.4	15.5	20	26	—	15.5	63	
Breaking Strength @ 23°C MD	lbs/in	30	40	22	44	40	40	—	40	MD	78
Breaking Strength @ 23°C CD	lbs/in	15	20	22	44	20	20	—	40	CD	57
Pliability	½" Radius	Shall Not Crack								MD & CD	Pass
	¾" Radius									MD & CD	Pass
Loss on Heating @ 105°C for 5 hours	% max	4	4	—	—	6	6	4	4	≤ 0.30	
Moisture @ Time of Manufacture	% max	4.3	4.1	1	1	2	2	—	1	≤ 0.40	
Liquid Water Transmission	4 hrs min	—	—	—	—	Pass	Pass	Pass	Pass	Pass	
Mass of Desaturated Glass Mat	lbs/100ft²	—	—	1.4	1.7	—	—	—	1.7	≥ 1.70	
Ash of Glass Mat Only	%	—	—	70-88	70-88	—	—	—	70-88	Pass	
Dimensional Stability D5147/D1204	% max	—	—	—	—	—	—	—	—	MD & CD	< 0.12
Dimensional Stability F1087	% max	—	—	—	—	1.75	1.75	1.65	1.65	MD & CD	< 0.12
Resistance to Growth of Mold D3273	% max	—	—	—	—	—	—	—	—	No Fungal Growth	
Water Vapor Transmission E96 Proc A	Permeance (US Perms)	—	—	—	—	—	—	—	—	≤ 0.026*	

\* Meets Class I Vapor Retarder as defined by the IBC

ADDITIONAL INFORMATION		
LEED	Recycled Content: 0%	Production Location: Fresno, California U.S.A.

Physical properties shown are nominal, subject to normal tolerances of manufacturing and testing.  
Ludowici Roof Tile reserves the right to improve and change its products at any time without prior notice or advise.

