

# **Technical Information Sheet**

	PondGard™ Rubber Lin	PondGard™ Rubber Liners		
Image Coming Soon	Item Description 0.045" EPDM Rubber Liner	Item Number Various		

## Description

PondGard Rubber Liners are a cured single-ply membrane made from an EPDM polymer formulated to be fish and plant friendly.

## **Product Preparation**

- 1. Substrates must be clean, dry, smooth, and free of sharp edges, fines, loose or foreign materials, oil, grease, and other materials that may damage the geomembrane.
- 2. All roughened surfaces that can damage the geomembrane shall be repaired as specified to offer a smooth substrate.
- 3. All substrate voids greater than 6 mm (0.25") wide shall be properly filled with an acceptable fill material.

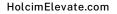
## **Method of Application**

PondGard Rubber Liners are to be installed in accordance with current Holcim specifications and details.

### Storage

- Store away from sources of punctures and physical damage.
- Store away from ignition sources as the liner will burn when exposed to open flame.







## **Precautions**

- Take care when moving, transporting, handling, etc. to avoid sources of punctures and physical damage.
- Isolate waste products, such as petroleum products, greases, oils (mineral and vegetable) and animal fats from the liner. Contact Holcim Technical Services for specific recommendations.
- Refer to Safety Data Sheets (SDS) for additional safety information.

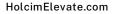
## **LEED®** Information

Post-Consumer Recycled Content:	0%		
Post Industrial Recycled Content:	0%		
Manufacturing Location:	Prescott, AR		

#### NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Typical Properties				
Properties	Test Method	Minimum Value		
Specific Gravity	ASTM D-792	1.2 gm / 1.2 cc		
Unit Weight	ASTM D-751	1.4 kg/m (0.29 lb/ft)		
Thickness, Type I	ASTM D-412	1.14 mm +10/-20% (.045" +10/-20%)		
Tensile Strength, Die C	ASTM D-412	9.0 MPa (1305 psi)		
Ultimate Elongation, Die C	ASTM D412	300%		
Tear Resistance, Die C	ASTM D-624	26.27 kN/m (150 lbf/in)		
Puncture Resistance	ASTM D-4833	110.8 N (28 lb)		
Shore A Durometer	ASTM D-2240	65 – 10		
Resistance to Ozone: 7 days/100 @ 37.8 °C (150 °F) 50% ext.	ASTM D-1149	No Cracks		
Multiaxial Elongation	ASTM D-5617	100%		
Oven Aging @ 116 °C (240 °F) for 670 hours:	ASTM D-573			
Tensile Strength Die C	ASTM D-412	8.3 MPa (1205 psi)		
Ultimate Elongation, Die C	ASTM D-412	200%		
Tear Resistance, Die C	ASTM D-624	21.9 kN/m (125 lbf/in)		
Xenon Arc for 5040 (kJ/m2nm @ 340 nm @ 80 °C (176 °F)	ASTM G-155/G-151			
Visual Inspection – 7X No cracks or crazing bent loop @ 10% strain	ASTM D-518	Pass		
Brittleness Point	ASTM D-2137	-45 °C (-49 °F)		
Water Resistance Weight after immersion 166 hours @ 70 °C (158 °F)	ASTM D-471	+8.2, -2%		
Water Vapor Permeability (max)	ASTM E-96	2.0 perm-mils		
Linear Dimensional Change (max)	ASTM D-1204	± 1.0%		
Chronic Toxicity Screening	EPA/600/4-89/001 ASTM E-729	Method 1000, Pass		







Packaging							
Dimensions		Packaging	Part Number	Coverage		Wei	ght
Meters	Feet			Meters <sup>2</sup>	Feet <sup>2</sup>	Kilograms	Pounds
2.44 x 3.05	8 x 10	Carton	W56PL40801A	7.43	80	11	25
3.05 x 3.05	10 x 10	Carton	W56PL41001A	9.29	100	14	31
3.05 x 4.57	10 x 15	Carton	W56PL41015A	13.94	150	21	47
4.57 x 4.57	15 x 15	Carton	W56PL41515A	20.90	225	32	70
4.57 x 6.10	15 x 20	Carton	W56PL41502A	27.87	300	43	94
4.57 x 7.62	15 x 25	Carton	W56PL41525A	34.84	375	54	118
6.10 x 6.10	20 x 20	Carton	W56PL42002A	37.16	400	57	125
1.52 x 15.24	5 x 50	Roll	W56PL40550	23.23	250	39	86
1.52 x 30.48	5 x 100	Roll	W56PL40510	46.45	500	78	171
3.05 x 15.24	10 x 50	Roll	W56PL41005	46.45	500	78	171
3.05 x 30.48	10 x 100	Roll	W56PL41010	92.9	1000	149	328
4.57 x 15.24	15 x 50	Roll	W56PL41505	69.68	750	113	250
4.57 x 30.48	15 x 100	Roll	W56PL41510	139.35	1500	220	484
6.10 x 15.24	20 x 50	Roll	W56PL42005	92.9	1000	149	328
6.10 x 30.48	20 x 100	Roll	W56PL42010	185.81	2000	290	640
6.10 x 45.72	20 x 150	Roll	W56PL42015	278.71	3000	436	960
6.10 x 60.96	20 x 200	Roll	W56PL42020	371.61	4000	574	1,265
7.62 x 7.62	25 x 25	Roll	W56PL42525	58.06	625	93	203
7.62 x 15.24	25 x 50	Roll	W56PL42505	116.13	1250	184	406
7.62 x 30.48	25 x100	Roll	W56PL42510	232.26	2500	366	807
7.62 x 60.96	25 x 200	Roll	W56PL42520	464.52	5000	720	1,588
9.14 x 15.24	30 x 50	Roll	W56PL43005	83.61	1500	220	485
9.14 x 30.48	30 x 100	Roll	W56PL43010	139.35	3000	437	963
9.14 x 45.72	30 x 150	Roll	W56PL43015	418.06	4500	656	1,445
9.14 x 60.96	30 x 200	Roll	W56PL43020	557.42	6000	862	1,900
10.67 x 15.24	35 x 50	Roll	W56PL43505	162.58	1750	259	572
10.67 x 30.48	35 x 100	Roll	W56PL43510	325.16	3500	508	1,119
10.67 x 60.96	35 x 200	Roll	W56PL43520	650.32	7000	1004	2,213
12.19 x 15.24	40 x 50	Roll	W56PL44005	185.81	2000	295	650
12.19 x 30.48	40 x 100	Roll	W56PL44010	371.61	4000	579	1,276
12.19 x 45.72	40 x 150	Roll	W56PL44015	557.42	6000	869	1,914
12.19 x 60.96	40 x 200	Roll	W56PL44020	743.22	8000	1146	2,526
13.72 x 30.48	45 x 100	Roll	W56PL44510	418.06	4500	656	1,445
15.24 x 15.24	50 x 50	Roll	W56PL45005	232.26	2500	366	807
15.24 x 22.86	50 x 75	Roll	W56PL45075	348.39	3750	458	1,009
15.24 x 30.48	50 x 100	Roll	W56PL45010	464.52	5000	720	1,588
15.24 x 45.72	50 x 150	Roll	W56PL45015	696.77	7500	1,075	2,370
15.24 x 60.96	50 x 200	Roll	W56PL45020	929.03	10000	1,429	3,150
6.10 x 7.62	20 x 25	Mini Roll	W56PL42025	46.48	500	78	171

Please contact Holcim Technical Services at 800-428-4511 for further information.

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For further information on our brand transition to Elevate, scan the code below with your smartphone, or visit our website: www.holcimelevate.com

