



## Forti-Lock™ Liquid Flashing

### Product Data

Forti-Lock™ Liquid Flashing with KEE-Bond™ Technology is a high performance, rapid-setting, polymethyl methacrylate (PMMA) liquid resin for use in aberrant penetrations and low flashing terminations. Forti-Lock™ is available in Summer Grade (SG) and Winter grade (WG) formulations.

#### DESCRIPTION

Forti-Lock™ Liquid Flashing is a high performance, rapid-setting, polymethyl methacrylate (PMMA) liquid resin for use in flashing applications. Forti-Lock™ Liquid Flashing is catalyzed with Forti-Lock™ catalyst powder and combined with Forti-Lock™ Fleece to form a flexible, monolithic, reinforced membrane.

<b>Available Colors:</b>	White or Gray	
	<b>Summer Grade (SG)</b>	<b>Winter Grade (WG)</b>
<b>Unit size:</b>	26.4 lb / 2.53 gal (12 kg / 9.8 L)	26.4 lb / 2.50 gal (12 kg / 9.8 L)
<b>Ambient Temperature:</b>	50° to 95° F (10° to 35° C)	23° to 68° F (-5° to 20° C)
<b>Substrate Temperature:</b>	50° to 122° F (10° to 50° C)	23° to 68° F (-5° to 20° C)
<b>Resin Temperature:</b>	37° to 86° F (3° to 30° C)	37° to 86° F (3° to 30° C)
<b>Curing Times @ 68°F (20° C)</b>	<b>Pot Life:</b> 15 to 20 minutes <b>Rain Resistant:</b> 30 to 45 minutes <b>Next Layer:</b> 60 to 90 minutes <b>Fully Cured:</b> 3 to 6 hours	

#### APPLICATION

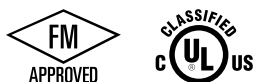


**BRUSH APPLIED**      **ROLLER APPLIED**

Forti-Lock™ Liquid Flashing is applied via brush or roller. Prior to application, refer to published specifications and approved instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.

#### STORAGE

Always store closed containers in cool, ventilated and dry locations away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Approximate shelf life is twelve months from date of shipment when properly stored, sealed and unopened.



For more information on FiberTite Systems & Accessories please call:  
Seaman Corporation (800) 927-8578 | International (330) 262-1111  
[www.FiberTite.com](http://www.FiberTite.com)

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[www.FiberTite.com/document-library/product-data-sheets](http://www.FiberTite.com/document-library/product-data-sheets)

#### PHYSICAL PROPERTIES

PROPERTY	Test Method	MD	XMD
Peak load @ 73.4°F (23°C) control, lbf/in (kN/m)	ASTM D5147	70 (12.3)	60 (10.5)
Elongation @ 73.4°F (23°C) control, %	ASTM D5147	55	70
Peak load @ 73.4°F (23°C) post heat aging, lbf/in (kN/m)	ASTM D5147	70 (12.3)	70 (12.3)
Elongation @ 73.4°F (23°C) post heat aging, %	ASTM D5147	50	50
Peak load @ 73.4°F (23°C) post acc. weathering, lbf/in (kN/m)	ASTM D5147	75 (13.1)	75 (13.1)
Elongation @ 73.4°F (23°C) post acc. weathering, %	ASTM D5147	55	55
Peak load @ 0°F (-18°C), lbf/in (kN/m)	ASTM D5147	130 (22.8)	110 (19.3)
Elongation @ 0°F (-18°C), %	ASTM D5147	60	85
Tear resistance, lbf (N)	ASTM D5147	80 (356)	70 (311)
Dimensional stability, %	ASTM D5147	0.1	0
Static puncture resistance, lbf (N)	ASTM D5602	Pass 56 (249)	
Shore A hardness, durometer	ASTM D2240	70	
Water absorption, %	ASTM D570 (@ 212°F)	0.8	
Water vapor permeance, perms	ASTM E96	0.2	
Low temperature flexibility, °F (°C)	ASTM D7264	Pass -33 (-36.1)	Pass -33 (-36.1)
Low temperature crack bridging	ASTM C1305	No cracks	
Self-ignition, °F (°C)	ASTM D1929	752 (400)	
Smoke density index	ASTM E84	105	
Rate of burning, in/min (m/hr)	ASTM D635	0.9 (1.4)	

#### APPROXIMATE COVERAGE RATES

SUBSTRATE PROFILE	12 kg UNIT ft² (m²)	MINIMUM TOTAL CONSUMPTION kg/ft² (kg/m²)	BASE COMPONENT CONSUMPTION kg/ft² (kg/m²)	TOP COAT CONSUMPTION kg/ft² (kg/m²)	TOTAL THICKNESS mils (mm)	BASE COAT mils (mm)	TOP COAT mils (mm)
Smooth	43 (4.0)	0.28 (3.0)	0.18 (2.0)	0.1 (1.0)	98 (2.5)	66 (1.6)	32 (0.8)
Typical	39 (3.6)	0.31 (3.3)	0.21 (2.3)		106 (2.7)	74 (1.9)	
Granulated	34 (3.2)	0.36 (3.8)	0.26 (2.8)		122 (3.1)	90 (2.3)	
Rough	34 (3.2)	0.40 (4.3)	0.30 (3.3)		140 (3.5)	108 (2.7)	

#### FORTI-LOCK CATALYST MIXING CHART

CATALYST REQUIRED	SUMMER GRADE (SG)				WINTER GRADE (WG)			
	4% Catalyst 50°F (10°C) to 68°F (20°C)		2% Catalyst 68°F (20°C) to 95°F (35°C)		6% Catalyst 23°F (-5°C) to 37°F (3°C)		4% Catalyst 50°F (10°C) to 68°F (20°C)	
12 kg can	5 0.1 kg packets		2.5 0.1 kg packets		7 0.1 kg packets		5 0.1 kg packets	
	TBSP	kg	TBSP	kg	TBSP	kg	TBSP	kg
1 kg	4	0.04	2	0.02	6	0.06	4	0.04
1L (~1.2 kg)	5	0.05	2.5	0.024	7	0.07	5	0.05