

# POLYKEN®



# 627-20



## POLYKEN® Shadowlastic™ 627-20 Window Flashing Tape

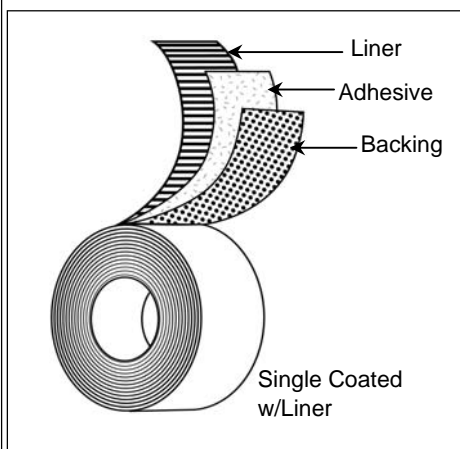
### APPLICATIONS

- Window and Door Installations
- Corner Board Abutments
- Sidewall sheathing seams.
- Deck-to-wall Joints
- Sealing other detail areas against water and air penetration

### FEATURES & BENEFITS

- Consists of a butyl-based adhesive which exhibits excellent adhesion to most building materials including plywood, OSB, housewrap, concrete, and most metals.
- Provides long-term weather-tight seal to prevent moisture, vapor, and air penetration.
- Kraft paper release liner for ease of application.
- Resists UV degradation for up to 3 years of direct sun exposure.
- Flexible at low temperatures; stays pliable to maintain a tight seal.
- Provides strong and immediate adhesion over a wide range of application temps (20°F-180°F).
- Compatible with sealants and caulking. Does not react with solvent-based solutions.
- Available in 4", 6" and 9"
- **Contributes toward satisfying EA Credit 1 (Optimize Energy Performance) and EQ Credit 4.1 (Low Emitting Materials, Adhesives & Sealants) under LEED®.**

### CONSTRUCTION



### PRODUCT DESCRIPTION

#### Single-Coated w/Liner Construction

#### Backing:

- Polyethylene

#### Adhesive:

- Butyl Rubber

#### Liner:

- Release-coated Kraft Paper

#### Colors:

- Black

### TEST DATA

Test	Typical Value	Typical Value (Metric)	Test Method
Total Thickness	20 mils	508.00 μ	ASTM D 1000
Backing Thickness	6 mils	152.40 μ	ASTM D 1000
Adhesive Thickness	14 mils	355.60 μ	ASTM D 1000
<b>Adhesion Values</b>			
Steel	16.8 lb./in.	2.90 N/mm	PSTC-1
Plywood	>3.91 lb./in.	0.68 N/mm	ASTM D903-9:
OSB	>4.0 lb./in.	0.7 N/mm	
Felt	>4.3 lb./in.	0.7 N/mm	
Unprimed Brick	>3.5 lb./in.	0.6 N/mm	
Housewrap	>13.1 lb./in.	2.3 N/mm	
Extruded Vinyl	>10.1 lb./in.	1.8 N/mm	
Tensile Strength (Machine)	1371 psi	9446 kN/m2	ASTM D412-9
Tensile Strength (Cross)	400 psi	2756 kN/m2	ASTM D412-9
Application Temperature Range	20°F to 180°F	-7°C to 82°C	
Operating Temperature Range	-35°F to 200°F	-37°C to 93°C	
VOC Content	<1 g/l		

#### Recommended storage conditions: 40-60% Humidity, 60°F-80°F

\*\*Products are not reviewed or certified under the LEED® Rating System. LEED® credit requirements cover the performance of materials in aggregate the performance of individual products or brands. For more information on LEED®, visit [www.usgbc.org/leed](http://www.usgbc.org/leed).

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