

EXPERT™ ASJ Tape

3" x 150'; 4" x 150'

Submittal Date _____



Description

Knauf Insulation EXPERT ASJ Tape is specifically engineered and designed for general purpose seaming, patching and sealing to enhance appearance while maintaining moisture and vapor barrier integrity for ASJ jacketed insulation products.

Features

- Specially formulated for extreme climates
- Excellent adhesion and quick stick properties
- High-strength reinforced facestock
- Made in the USA
- Application temperature as low as 0°F

Benefits

- Excellent bond to Lamtec ASJ 30J insulation facing
- Excellent initial tack and long-term adhesion
- Meets ASTM C-1136 Type I, Type II, Type III and Type IV
- PSA complies with South Coast Air Quality Management District's (SCAQMD) Rule 1168

Application Techniques

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil.
- Bond strength is dependent upon uniform pressure and the amount of adhesive-to-surface contact with substrate.
- Note that different pressure, time and temperature on different (firm / rigid) surfaces achieves different performance results.

Construction

Adhesive: Acrylic

Carrier: Foil laminate

Liner: 60# Densified Kraft

LEED® Point Contributor

- Contributes to Energy Atmosphere (SA) Credit 1
- Contributes to Indoor Environmental Quality (IEC) Credit 4.1

Caution

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Physical Properties		Typical Values		
Thickness		US Mils	Metric	
Carrier		9.0	0.23	
Adhesive		1.7	0.04	
Liner		3.6	0.09	
Total		14.3	0.36	
*PSTC-133				
Peel Adhesion				
Product 180° 12" / min Initial @ 72°F / 22°C				
Substrate		Lbf / in	US Oz / in	N / Meter
SS		>4.8	77	840
*PSTC-101, ASTM D-3330, STD-10				
Loop Tack				
Product 20" / min Initial				
Substrate		Lbf / in	US Oz / in	N / Meter
SS		>6.0	96	1051
*PSTC-16, STD-7				
Tensile Elongation				
Product MD				
Sample		Lbf / in	%	
SS		55	>1	
Tensile Elongation				
Product CD				
Sample		Lbf / in	%	
Product		50	>1	
TLMI Release				
Product 90° 300" / min				
Sample		Gf / 2 in w		
SS		50		
*PSTC-4, STD-8				
VOC Content				
Sample		g / L		
Product Unwind		<15		
*SCAQMD Rule 1168				
Temperature				
Min Application Temp		0°F	-18°C	
Max Continuous Operating Temp		200°F	93°C	
Max Intermittent Operating Temp		250°F	121°C	

*Test methods

Note: The listed values are typical only and not intended to serve as product specifications



General Use Tape Surface Burning Characteristics

UL 723	Flame Spread	20
	Smoke Developed	10