

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 Earthwool ASJ+ facing and Lamtec WMP-ASJ
- 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 the amount of adhesive-to-surface contact developed.
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance.

Construction

Adhesive: Acrylic

Carrier: Polypropylene / Core / Scrim / 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		8.0	0.23	
Adhesive		1.7	0.04	
Liner		3.6	0.09	
Total		13.3	0.34	
*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	0
	Smoke Developed	5