

PRODUCT SPECIFICATION SHEET

**IQF-F STUDIO BLANKET FOIL BACKING (NRC 1.00 / STC 16)**

Insul-Quilt is a great solution for absorbing sound reflection and reverberant noise in a Studio, building or open room. Our blanket features 100% sound absorption, an R Value = 9, a 50% recyclable content, is certified VOC compliant and reflects 97% of radiant heat.

The foil backing is excellent for installations where a semi rigid surface is required. Quilts are highly effective for noise reduction around loud equipment and machinery. When Insul-Quilt is used as a ceiling baffle, it is an economical way to mitigate sound and echo problems in large spaces. Blankets are constructed with the vertical edges sewn. Optional stitching is available on the top and bottom edges and grommets are optional for convenient blanket installation. Standard color options are black and white.



TECHNICAL INFORMATION

Nominal Thickness	2.0" thick – 50 mm
Standard Nominal Width	48" wide – 1,219 mm
Standard Length	16' long (custom lengths available) – 4,876 mm
Weight	.44 lbs. per square foot – 2.15 Kg/m <sup>2</sup>
Flammability	Class A Fire Rated per ASTM E84-18 Flame Spread: 0 · Smoke Density: 15 UK · BS476 Class 0 EU · Class B-s1, d0

ACOUSTICAL PERFORMANCE

SOUND ABSORPTION DATA – MAY, 2024							
OCTAVE BAND FREQUENCIES (Hz)							
125	250	500	1000	2000	4000	5000	NRC
0.18	0.62	1.14	1.12	1.07	1.05	1.07	1.00