

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 ² |
| 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 – MARCH, 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 |