

SOUND STOPPER® Product Data Sheet

QUILTED FIBERGLASS MATERIAL 2" Thick Fiberglass and 1# Loaded Vinyl with Double Facing SC125

Roll Goods

Part Number: 15-012548

Kit Part Number: 22-1250XX

Color: Metallic Gray

Weight: 1.50 lb./sq. ft.: 216 oz./sq. yd.

Thickness: 2 inch nominal (at loft)

Roll Size: 48" wide, 25ft. long. Bound edges

Construction: Two layers of 1" thick, 2 lb./cu. ft. density fiberglass batting, quilted between two layers of aluminum-vinyl coated fiberglass facing material. Polyester thread. 1 lb./sq. ft. loaded vinyl septum.

Flame Resistance: Class 1 rated material per ASTM E84 (Surface Burning Characteristics of Building Materials):

<u>Flamespread</u>	<u>Fuel Contributed</u>	<u>Smoke Developed</u>
5.0	20.00	5.0

Chemical Resistivity:

Resists oils, grease, moisture, mild acids and alkalis, dirt, dust, and salt atmospheres.

Cleanability:

Facing can be steam cleaned, or washed with common industrial cleaners.

Temperature Limits:

Service range of -20° to + 180° F (continuous) + 265° F (intermittent)

Thermal Conductivity:

K= 0.25 (BTU in./° F - sq. ft. - hr.) @ 75° F mean

Random Incidence Sound Absorption:

Frequency (Hertz)						
<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>	<u>NRC</u>
.38	.89	.82	.76	.53	.35	.75

(Per ASTM C423-77)

Noise Transmission Loss:

Frequency (Hertz)						
<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>	<u>STC</u>
12 dB	16 dB	27 dB	40 dB	44 dB	47 dB	29 dB

rev. 7/00