

TECHNICAL DATA:

ASTM STANDARDS COMPLIANCE

ASTM C 423	Sound Absorption
ASTM C 518	Thermal Conductivity
ASTM C 739	Cellulosic Fiber
ASTM C 1149	Spray-Applied Cellulose Insulation
ASTM D 2244	Light Reflectance
ASTM E 84	Surface Burning Characteristics
ASTM E 90	Sound Transmission
ASTM E 736	Cohesion/Adhesion - Bond Strength
ASTM E 759	Bond Deflection
ASTM E 859	Air Erosion
ASTM E 1042	Acoustical Absorption

ASTM C 423: Sound Absorption (NRC)

K-13 Special Blend Applied on Solid Backing

Inches	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
10 mm (.4")	.15	.28	.59	.86	.95	1.02	.65
15 mm (.6")	.15	.33	.69	.95	.98	.97	.75
20 mm (.8")	.16	.33	.75	.96	.98	.97	.75
25 mm (1")	.20	.44	.89	1.01	.98	.93	.85
35 mm (1.3")	.26	.62	1.02	1.07	1.01	.96	.95
45 mm (1.8")	.33	.77	1.12	1.11	1.01	.93	1.00

ASTM C 518: Thermal Conductivity

R-Value 3.75 PER INCH

AVERAGE APPLICATION THICKNESS	R-VALUE
1"	3.75
2"	7.5

ASTM D 2244: Light Reflectance

White: 84+	Tan: 46+
Light Gray: 73+	Gray: 45+
Beige: 71+	Black: 17+

ASTM E 84: Surface Burning Characteristics

CLASS 1, CLASS A RATED per ASTM E-84, UL-723, NFPA-255, & UBC-42

Flame Spread 5

Smoke Development 5

K-13 has been rated and approved by Factory Mutual Research Corporation for use in categories: I, II, III, & IV.

ASTM E 736: Cohesion/Adhesion - Bond Strength

Bond Strength >100psf

MISCELLANEOUS CODE APPROVALS & SPECIFICATIONS

- Underwriters Laboratories - Classified Code Compliance Report UL ER 5499
- Factory Mutual Research - Report Nos. 19678, 20399, and 24703
- Federal Defense Logistics Agency Cage Code: ONJU2
- Federal Specification - SS-S-111C
- Corps of Engineers Guide Specifications - CE-201.01
- Department of the Navy Guide Specifications - NFGS-07218
- EPA 40 CFR Part 248
- Los Angeles - RR-24311
- New York - MEA 65-96-M
- Meets California Bureau of Home Furnishings Standards
- Resource Conservation and Recovery Act

K-13 Special Blend does not contain silica dust, asbestos, mineral or glass fibers, or PCB's.

