



eShield™ Specifications Sheet

eShield™ insulation greatly increases comfort in residential and commercial applications by reducing radiant heat gain. Able to stop more than 97-percent of radiant heat, eShield™ multilayer reflective foil insulation is an exceptionally efficient and innovative solution to thermal insulation needs. eShield™ insulation is a 3 layer composite comprised of a perforated foil facing, a Microlite fiberglass core and a reflective foil facing.

Available sizes:

24"x50'

48"x50'

Physical Properties	Values	Test Method
Flame Spread	20	ASTM E84-10a
Smoke Developed	10	ASTM E84-10a
Full Scale Corner Room	PASS	UL 1715/UBC 26-3

Thermal Performance	R Value	Test Method
Heat Flow Down	R 12.82 air to air	ASTM C1363/C1224
Heat Flow Up	R 9.24 air to air	ASTM C1363/C1224
Heat Flow Horizontal	R 10.60 air to air	ASTM C1363/C1224



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