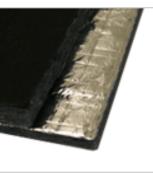# EcoShield

Overview

EcoShield Liner

EcoShield is a sustainable product comprised of recycled denim, which means it is environmentally friendly and contains no harmful irritants or chemicals.

EcoShield also includes an EPA registered anti-microbial (biocide) mold and fungal inhibitor ensuring the product is safe for you and the environment.

Additionally, EcoShield is a thermally bonded, high density insulation that meets all industry thermal and acoustic requirements.

ECOSHIELD

energy solutions

See website for Specifications

MODELS:

½" EcoShield Liner
1" EcoShield Liner
½" EcoShield Liner with Foil Face
1" EcoShield Liner with Foil Face

½" ECOSHIELD

INSULATION CHARACTERISTICS

Material:	Natural Fiber Duct Liner
Thickness:	½ inch
R-Value:	2.0 ft^2 °F h/Btu @ 75° F
Density:	3.0 lbs/ft^3
Flame Spread:	less than 25
Smoke Density:	less than 50
Mold Growth:	None

CODE COMPLIANCES

NFPA 90A & 90B	Appliances
NFPA 255	Flame / Smoke Spread (25/50)
UL 723	Flame / Smoke Spread (25/50)
ASTM C 411	UL 181 Air Erosion
ASTM E84	UL 181 Mold Growth & Humidity
ASTM C 1071	Operating Temperature Limits
ASTM C 739	Flame / Smoke Spread (25/50)
ASTM G 21	Maximum Air Velocity
ASTM G 22	Corrosion Resistance
	Fungi Resistance
	Bacteria Resistance

1" ECOSHIELD

INSULATION CHARACTERISTICS

Material:	Natural Fiber Duct Liner
Thickness:	1 inch
R-Value:	4.0 ft^2 °F h/Btu @ 75° F
Density:	1.5 lbs/ft^3
Flame Spread:	less than 25
Smoke Density:	less than 50
Mold Growth:	None

CODE COMPLIANCES

NFPA 90A & 90B	Appliances
NFPA 255	Flame / Smoke Spread (25/50)
UL 723	Flame / Smoke Spread (25/50)
UL 181 Air Erosion	Operating Temperature Limits
UL 181 Mold Growth & Humidity	Flame / Smoke Spread (25/50)
ASTM C 411	Maximum Air Velocity
ASTM E84	Corrosion Resistance
ASTM C 1071	Fungi Resistance
ASTM C 739	Bacteria Resistance
ASTM G 21	
ASTM G 22	

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