



## Application Sheet

### FSK SHIELD™ CLASS A Insulation Facing

- Cost-Effective Method to Meet Code Requirements for Flammability
- Replaces Expensive Foil-Faced Batts
- Serves as a Vapor Retarder
- Increases Thermal Resistance
- Easy Handling & Installation

FSK Shield™, an economy grade, single-sided foil facing comprised of 0.0003 aluminum foil bonded to 30 lb natural kraft paper has a flame retardant adhesive and reinforced tri-directional fiberglass scrim. FSK Shield™ is intended for use as an attic, roof or wall radiant barrier and as a Class A Insulation Facing. It can also be used as an effective vapor retarder. FSK Shield™ is available in 1,000 square foot rolls, 54" wide.

#### Vapor Retarder Application

FSK Shield™ can be used as an effective vapor retarder and can be installed with foil or paper exposed. All seams should be taped with Fi-Foil FSK Tape.

#### Class A Flame Spread Facing

FSK Shield™ can be used to improve flame spread and smoke developed ratings of wall and ceiling systems, commonly with unfaced fiberglass batts. It can be installed with either the foil or paper exposed. Installing FSK Shield™ with the foil side exposed will provide a better flame spread rating. All seams should be taped with Fi-Foil FSK Tape.



Horizontal application using 54" FSK Shield™ over unfaced batts



Continuous Class A barrier - less seams than foil-faced batts



FSK Shield™ adds an R-4.5 to an exposed roof or ceiling application

## FSK SHIELD™ CLASS A Insulation Facing

#### EMITTANCE TABLE

E-Values (the lower the better)

Aluminum Foil .....	0.03 - 0.05
Standard Building Materials .....	0.82 - 0.90

#### TEST DATA

ASTM E-96 Water Vapor Permeance .....	0.02
ASTM E-408 Emissivity .....	0.03
ASTM C-1136 Mold & Mildew .....	Pass

#### FSK Shield™ & Unfaced Batt Insulation System

ASTM E-84	R-11	R-19	R-30
Flame Spread	15	0	0
Smoke Developed	0	5	10

#### FSK Shield™ without Insulation

ASTM E-84/UL 723	Kraft Exposed	Foil Exposed
Flame Spread	25	5
Smoke Developed	10	0

#### PRODUCT

Width of Roll .....	54"
Diameter of Roll .....	5"
Lineal Footage .....	222'
Coverage .....	1,000 sq ft
Weight .....	28 lbs

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