



Johns Manville

FSK-25 BI

Product Data Sheet

General Description

FSK-25 FULL COAT is a flame retardant vapor barrier facing consisting of .00030" (9 micron) aluminum foil, fiberglass reinforcing yarn and natural kraft paper laminated together with a flame retardant adhesive. The paper side of this facing is coated with a thermoplastic asphalt coating which is used to bond fiberglass to the facing in a subsequent manufacturing process. FSK-25 FULL COAT is supplied with a folded tab to provide a stapling flange for final installation.

Construction

	English	Metric
Aluminum Foil00030 inches \pm 10%	9 microns
Fiberglass Reinforcing Yarn	MD: 2/ inch XD: 2/ inch	MD: 8 / 100mm XD: 8 / 100mm
Adhesive	Flame Retardant	Flame Retardant
Natural Kraft Paper	30 lbs / 3000 ft ² \pm 10%	49 gm / m ²
Asphalt coating.....	Full Coat	Full Coat

Typical Physical Properties

Properties	Test Method	Value	
		English	Metric
Basis Weight	Scale	27 lbs / MSF	132 gm / m ²
Permeance (MVTR)	ASTM E-96, Procedure A	.05 max	.03 max
Puncture Resistance	ASTM D-781	25 scale units	29 scale units
Tensile Strength ASTM D-828		MD: 30 lbs./in. XD: 20 lbs./in.	MD: 5.3 kn / m XD: 3.5 kn / m
Mullen Burst	ASTM D-774	35 psi	2.5 kg / cm ²
Mold & Mildew Resistance	ASTM D2020	None	None
Corrosion	120F (49C) @ 95%RH (30 days)	None	None
Delamination	120F (49C) @ 95%RH (30 days)	None	None
High Temp. Resistance	24 hours @ 150F (66C)	Pass	Pass
Adhesion	1 hour water @ 70F (21C)	Pass	Pass
Flammability*	ASTM E-84	Flame Spread<25 Smoke<50	Same Same

This product meets ASTM C-1136-90 requirements for insulation facings

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with acceptable test methods and are subject to normal manufacturing variations. Values are supplied as a technical service and are subject to change without notice.

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