![Johns Manville JM logo]

JM Corbond® oc SPF

The high-performance spray foam solution for more comfortable, energy efficient homes.

JM Corbond® Open-cell spray polyurethane foam (oc SPF) is a Class 1 rated, incredibly versatile, high yield insulation solution for commercial, residential and industrial applications.*

WHOLE HOUSE COMFORT

- Stops air leakage (accounting for up to $\frac{1}{3}$ of energy loss in a building) with an effective air barrier that will not shrink or settle for better indoor temperature control year-round
- Minimizes sound transmission and improves Sound Transmission Class (STC) rating to reduce noise pollution

ENERGY EFFICIENCY

- Reduces heat transfer via conduction and radiation to improve thermal performance
- RSI-Values up to 0.61 °K•m²/W at 25 mm (R-3.5 °F•ft²•h/BTU at 1 inch)
- Better efficiency reduces monthly heating and cooling costs, which account for about half an energy bill
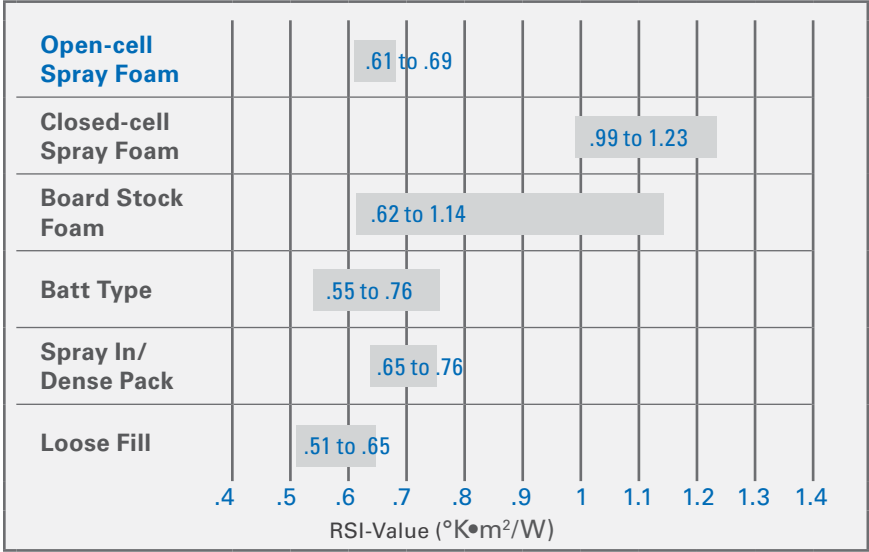
HEALTHIER ENVIRONMENTS

- Eliminates unwanted air exchange and controls moisture infiltration to decrease exposure to outdoor pollutants, allergens, dust, mildew and mold
- 100% water-blown insulation for zero ozone depletion

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Spray Polyurethane Foam vs. Other Insulation Materials

	RSI-Value (°K•m²/W)										
Open-cell Spray Foam		.61 to .69									
Closed-cell Spray Foam						.99 to 1.23					
Board Stock Foam		.62 to 1.14									
Batt Type	.55 to .76										
Spray In/ Dense Pack		.65 to .76									
Loose Fill	.51 to .65										
	.4	.5	.6	.7	.8	.9	1	1.1	1.2	1.3	1.4

RSI-Value (°K•m²/W)

JM Corbond oc SPF installed in a wall

Technical Information:

Properties (Test Method)	JM Corbond oc SPF
RSI-Value (R-value (aged)) (ASTM C518)	0.61 °K•m²/W at 25 mm (3.5 °F•ft²•h/BTU at 1 inch)
Core Density (ASTM D1622)	8 kg/m³ nominal (0.5 lb/ft³)
Dimensional Stability (D2126) -29°C/Ambient RH 80°C/Ambient RH 70°C/95% ±3% RH	-0.5% Volume Change -4.4% Volume Change -5.1% Volume Change
Water Vapour Permeance, 25 mm Thick Core (ASTM E96)	1300 ng/Pa•s•m² at 89 mm (22 Perm)
VOC Emission (CAN/ULC S774)	Pass
Sound Transmission Coefficient (ASTM E90)	38** (STC)
Fungi Resistance Tests (ASTM C1338)	No Fungal Growth
Flame Spread Rating Smoke Developed Classification (CAN/ULC S102)	200 240
Flame Spread Rating (CAN/ULC S127)	433

Learn more at **JM.com/OpenCellSprayFoam** or by calling **800.654.3103.**

*Always follow your local building codes.
**Residential exterior wall with 16″ o.c. 2x4 wood studs, OSB sheathing, and ½″ gypsum board. STC 40 with fiberboard siding

Install of JM Corbond oc SPF in residential

Install of JM Corbond oc SPF in commercial