

INTRODUCING JM CORBOND® HIGH YIELD OPEN-CELL SPRAY POLYURETHANE FOAM

1. What is JM Corbond High Yield Open-Cell?

JM Corbond High Yield Open-Cell (HYOC) Spray Polyurethane Foam (SPF) insulation is a two-component, low-density, E84 Class A or 1 rated, nonstructural insulation system designed for interior commercial, residential, and industrial applications. JM Corbond HYOC is 100% water blown. JM Corbond HYOC offers the highest yield (20K BFT)* of any JM Corbond open-cell product. Its superior performance and exceptional sprayability make it an ideal choice for high-performing, energy-efficient buildings.

2. Will JM Corbond HYOC give me the same thermal and acoustical performance that I get from previous generations of JM spray foam products?

JM Corbond HYOC provides an R-value of 3.6/inch when installed at 1 inch and an R-value of 14 at 4 inches. This chart shows the comparison between JM Corbond OC and JM Corbond HYOC.

THERMAL RESISTANCE^{1,2,3,4}

THICKNESS (in.)	JM CORBOND OC SPF R-Value (°F • ft ² • hr/BTU)	JM CORBOND HYOC SPF R-Value (°F • ft ² • hr/BTU)
1	3.8	3.6
4	14	14

¹ R-values are calculated based on the test K-values at 1-in. and 3-1/2-in. thicknesses.

² R-values may be interpolated between 1 and 4-in.

³ At above 4-in., R-values may be calculated as follows:

- JM Corbond OC SPF: R-values are calculated using R=3.6/inch
- JM Corbond HYOC SPF: R-values are calculated using R=3.4/inch

⁴ R-values greater than 10 are rounded to the nearest whole number

JM Corbond HYOC provides an air barrier at 3.5", compared to JM Corbond OC at 3.75"

3. What color is JM Corbond HYOC once installed?

JM Corbond HYOC is the same color as Corbond OC. After installation, it is cream colored.

4. How is JM Corbond HYOC shipped?

Mixed truckloads of Side A and Side B can be shipped from our facilities in Belgrade, MT; Winder, GA; and Willows, CA. Fiberglass can be added to the mixed truckloads shipped from our facilities in McPherson, KS, and Winder, GA. Stocking locations will be evaluated on a regular basis.

5. Will installers need to make any updates to their equipment?

Yes, a three-blade mixer is required. JM Corbond HYOC should be thoroughly mixed and recirculated for 30 minutes prior to spraying each day. Continuous mixing is required; however, the mixer speed should be reduced during spray. It is recommended to use a single blade positioned at the bottom of the drum to avoid air entrapment during mixing.

6. Have both Side A and Side B been updated?

No. Only Side B has been updated. Side A has not been changed.

7. What is the shelf life of HYOC?

JM developed a robust formula of this product to last 6 months on the shelf.

* When applied to a dry, clean, sound (OSB) substrate at 75F°.