



THERMA - LOK® | 504EZ

OPEN-CELL SPRAY FOAM INSULATION

Thermal Comfort With Sound Control.

THERMA-LOK® 504EZ brings thermal performance, air control, and sound absorption to residential and common commercial construction. This low-density, non-fibrous, open-cell spray polyurethane foam qualifies as air-impermeable insulation at 3.5 inches. Compatible with common wood, metal, and concrete construction, it is processed only with IPS A-Side (ISO) and installed as part of the specified insulation assembly.

DEFINING EXCELLENCE THROUGH INNOVATION

AGED THERMAL PERFORMANCE

Provides aged R-3.9 per inch below 4 inches total thickness and R-3.7 per inch at 4 inches or greater.

SOUND ABSORPTION

A reported noise reduction coefficient of 0.55 under ASTM C423 supports sound-control applications. Acoustic performance depends on the installed assembly.

AIR CONTROL AT 3.5 INCHES

Meets the air-impermeable insulation criterion at 3.5 inches under ASTM E2178, helping control air movement through the insulation layer.

LIGHTWEIGHT, NON-FIBROUS FOAM

Nominal core density of 0.5 lb/ft³ and more than 90% open-cell content provide a lightweight insulation option for common construction materials.

R-3.9 / in.

BELOW 4 IN. THICKNESS

R-3.7/in. at 4 in. or more · ASTM C518

0.5 lb/ft³

NOMINAL CORE DENSITY

Core center, 4 in. pass · ASTM D1622

0.55 NRC

SOUND ABSORPTION

ASTM C423

APPLICATIONS

- Residential interiors
- Attic assemblies
- Commercial interiors
- Crawl-space assemblies

Not for exterior roofing. Cold-storage use requires a structure professionally designed for that use. Confirm attic/crawl-space assemblies and thicknesses with IPS and CCRR-0673. Follow the current TDS, application guide, component SDSs, and required thermal/ignition protection.

Talk with IPS about your project.

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