

SRC INSULATION

CHOICES, FEATURES, COMPARISONS & BENEFITS

FOAMED IN PLACE POLYURETHANE

SRC REFRIGERATION 4" thick polyurethane panels have been laboratory certified at an **R-value of 37*** which **exceeds** all current Federal and State standards for use in coolers and freezers.

Engineered aluminum molds are used to hold preformed metal skins in position. Sturdy cam-lock mechanisms are inserted at uniform positions. Polymeric polyisocyanate is mixed in precise proportions with a resin and environmentally safe expansion agent as it flows into the prepared mold. A chemical reaction occurs to expand the polyurethane compound throughout the mold eliminating all voids. The mixture then cures to form a tenacious bond with the metal skins and locking mechanisms. The resulting hi-density panel has incredible flexural strength which eliminates the need for structural wood support and framing still used by some of our competitors. By eliminating this need for support (old style construction), our panel is 100% polyurethane insulation, and up to 17% more energy efficient on average.

Benefits:

- Stock Program - Standard size floorless coolers can ship in **one week!** Many custom sizes can ship in two weeks, depending on the changes needed.
- White enamel finish is standard, not a costly option. Bright, clean and easily washable or paintable if a custom finish is desired
- Inset ceilings are standard, no exposed ceiling caps or awkward trim is required for set-up. Installation-friendly design cuts assembly time.
- Unmatched thermal efficiency reduces system run times which create real bottom line energy savings for the end-user.

"Quick-Ship Program"
"Warehouse Sizes Available"
"Highest Thermal Efficiency"

EXTRUDED POLYSTYRENE (XPS)

We have partnered with both Dow Chemical and Owens Corning to now offer a cutting edge thermally efficient panel using the same proven manufacturing techniques we have innovated over the last 28 years.

With a laboratory tested **R-value of 32.4**** our new insulated panels **exceed** EISA Federal Energy Standards now in force throughout the United States of America.

In addition, this new dense plastic insulation actually repels moisture and water vapor transmission unlike other types of insulating materials currently in use. This means that the same high efficiency will remain throughout the life of the cooler, and will not degrade over time.

The high density of XPS insulation (urethane bonded) to the preformed metal skins) produces a panel which needs no wood framed support, therefore eliminating the resulting loss of insulation value caused by the support of the structure.

Benefits:

- Quicker lead times for custom designs, combos, coolers and freezers with floors, custom heights, etc. Delivery times are 3-4 weeks from order.
- Our manufacturing process allows us to design angles and corners not possible with molded construction.
- White enamel finish is standard. Custom finishes are also available with no increases in lead time.
- Inset ceilings are standard
- Insulation values rival that of even our foamed in place polyurethane insulation. Exceeds all Federal Energy standards for coolers and freezers.



"Fast Custom Construction"
"Exceeds Energy Standards"
"Flexibility in Design"

*Polyurethane: Certified independent lab testing on file as per ASTM C 578 and per test procedure ASTM C518-2004

**Extruded Polystyrene: Owens Corning Foamular 250 complies with testing as per ASTM C 578 and results as shown on Foamular Properties Table.
Dow Chemical STYROFOAM™ Brand Panel Core 20 Foam test results as shown on Dow's Property and Test Method Table