

# **amerikooler**<sup>TM</sup>

**walk-in coolers and freezers**



AMERIKOOLER.COM

# AMERIKOOLER'S INSULATION

Maintains a consistent R-value for Long Term Performance



| KEY INSULATION ATTRIBUTES  | AK-XPS4 Insulation | AK-XPS4 ULTRA Insulation | Foamed-in-Place Urethane Insulation |
|--|--------------------|--------------------------|-------------------------------------|
| 4" thick insulation for coolers & freezers*  | Yes                | Yes                      |                                     |
| 50 Year R-value warranty**   | Yes                | Yes                      | No                                  |
| Maintains its R-value for long-term performance  | Yes                | Yes                      | No                                  |
| Hydrophobic (prevents absorption of water)   | Yes                | Yes                      | No                                  |
| Void-free insulation   | Yes                | Yes                      | No                                  |
| Uniform density thru out entire panel  | Yes                | Yes                      | No                                  |
| Precise controls of density, cell size & cell orientation                                  | Yes                | Yes                      | No                                  |
| Non-deteriorating insulation   | Yes                | Yes                      | No                                  |
| All insulation is inspected and approved to ensure it meets our quality control parameters | Yes                | Yes                      | No                                  |
| Extends the life of the Refrigeration System   | Yes                | Yes                      | No                                  |

**Note:** **AK-XPS4** has a min R-25 for coolers and R-28 for freezer floor & **AK-XPS4 ULTRA** has a min R-32 for freezer walls, ceiling & doors

- ▶ **\*** Meets and exceeds **EISA energy** compliance act effective 2009 and **DOE R-value** testing for compliance requirements starting **July 1st, 2017**
- ▶ **\*\*** AK-XPS4 & AK-XPS4 ULTRA insulation is **Extruded Polystyrene** foam manufactured by **The Dow Chemical Company** and backed with a **50 year R-value warranty**

# CERTIFICATIONS

- ▶ National Sanitation Foundation (NSF)
- ▶ Underwriter Laboratories (UL) – Panels & Doors
- ▶ Energy Independence and Security Act (EISA), Jan 1, 2009
- ▶ Department of Energy (DOE), July 1, 2017
- ▶ Oregon Component Insignia of Compliance
- ▶ City of Houston Fabrication Certification
- ▶ New York City Approval (NY-MEA)
- ▶ Miami-Dade County Building
- ▶ Hydrophobic Insulation ASTM C272

## OUR LISTINGS



National  
Sanitation  
Foundation



Underwriters  
Laboratories



City Of Houston, TX  
Fabricator's  
Certification



Energy and  
Security Act  
Compliant of 2009



New York City  
Buildings



Miami-Dade County  
NOA #: pending



Oregon Component  
Insignia Compliance



DOE 4" Panel R-value  
Compliant, 2017