

TESTING AND CERTIFICATIONS

STATE LICENSED CONTRACTOR

This license is not required in all states (29 do not require state building contractor licenses).

Alaska	Mississippi	Tennessee
California	Nevada	Utah
Delaware	New Mexico	Virginia
Florida	North Dakota	Washington
Georgia	Oregon	West Virginia
Louisiana	South Carolina	



STATE CERTIFIED MANUFACTURER OF MODULAR/COMPONENT STRUCTURES

This certification is required to obtain and apply State Labels to preassembled Environmental Enclosures prior to shipping into the state

Alabama	Georgia	Massachusetts	North Dakota
Arizona	Iowa	Minnesota	Rhode Island
California	Kentucky	Missouri	South Carolina
Colorado	Louisiana	New Hampshire	Tennessee
Connecticut	Maryland	New Jersey	Virginia
			Washington



CODE COMPLIANCE TESTING

The International Building Code required this testing be done by a nationally recognized third party testing agency. This testing is not acceptable if conducted by the manufacturer or the foam insulation supplier

ASTM C-272 - Water absorption	ASTM D-2126 - Dimensional Stability
ASTM C-273 - Shear Strength	ASTM D-2294 - Adhesion
ASTM C-393 - Flexural Strength	ASTM D-2856 - Open Cell Content
ASTM C-518 - Thermal Transmision	ASTM E-72 - Compressive Load, Transverse Load and Racking Load
ASTM D-635 - Horizontal Burning	ASTM E-90 - Acoustic Performance
ASTM D-1621 - Compressive Properties	ASTM E-331 - Water penetration of exterior walls
ASTM D-1622 - Density	ASTM E-661 - Concentrated and Impact Loads
ASTM D-1623 - Tensile Strength	



FLAMMABILITY

ASTM E-84, ANSI 2.5, NFPA 255, UBC 42-1 - Surface Burning Characteristics-Core
ASTM D-1929 - Ignition Properties Required by Chapter 26 of the IBC for plastic insulation in sprinklered buildings
ASTM E-108 - Fire test of roof panels
FM 4880 - Fire Rating of Insulated Wall & Ceiling Panels - Room
UL 723 - Surface Burning Characteristics - Core and Finished panels specified by Food Consultants
UL1715 - Fire Rating of Insulated Wall & Ceiling Panels - Room
CAN/ULC S-102 - Surface Burning Characteristics - Core and Finished Panel
CAN/ULC S-127 - Corner Wall Flammability
CAN/ULC S-138 - Fire Growth and Damageability - Room Required to sell product in Canada
NFPA 286 - Fire Contribution - allows panels without sprinklers and without Thermal Barriers



ENGINEERING SERVICES

Registered with the Texas Board of Professional Engineers to offer and perform Engineering Services in the State of Texas



LISTING AND LABELS

SANITATION



National Sanitation Foundation (NSF)

Standard 7 Required by many Health Departments and specified by Food Consultants

US Department of Agriculture (USDA) Acceptance

Required for meat and poultry processing facilities

Canadian Food Inspection Agency (CFIA) Acceptance

Required for meat and poultry processing facilities in Canada

ELECTRICAL



ETL/UL 471 - UL Standard for Safety-Refrigerators/Freezers

CSA C22.2 - CAN/CSA Refrigeration Equipment Required for all prewired electrical in Canada

APPROVALS



Miami-Dade County - Florida Building Code – Hurricane Winds

Required for outdoor installation in Florida

City of Los Angeles - Municipal Building Code – Seismic Forces

Required for indoor & outdoor installation in Los Angeles

City of Houston - Houston Building Code- Fire and Structural

Required for indoor & outdoor installation in Houston

City of New York - Material & Equipment Acceptance – Toxicity

Required for indoor & outdoor installation in New York City

State of California - Licensed Thermal Insulation Manufacturer

Required to sell product in California

State of Oregon - Prefabricated Structures

Required to sell product in Oregon

State of Wisconsin - Material Approval

Required to sell product in Wisconsin