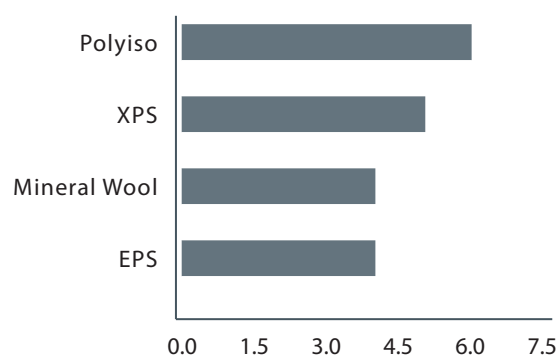


Material R-Value Per Inch



Xci Foil (Class A) Thermal Values

Thickness (inches)	Thickness (mm)	R Value*
1.0	25	6.3
1.5	38	9.5
2.0	51	13.0
2.5	64	16.0
3.0	76	19.0
3.5	89	22.0

*Thermal values as per ASTM C 518 in accordance with ASTM C 1289.

Xci Foil (Class A) Typical Physical Property Data Chart

Property	Test Method	Value
Flame Spread Index (faced)	ASTM E 84	< 25
Smoke Developed (faced)	ASTM E 84	< 250
Compressive Strength	ASTM D 1621	20 psi (138 kPa)*
Dimensional Stability	ASTM D 2126	2% linear change (7 days)
Moisture Vapor Permeance	ASTM E 96	< 0.04 perm
Water Absorption	ASTM C 209	< 0.05% volume
Service Temperature		-100° to 250° F (-73°C to 122°C)

* Also available in 25psi (172 kPa)

Higher R-value per inch versus XPS, EPS or mineral fiber

Polyiso offers comfortable thermal control, energy efficiency, and usage benefits with a superior R-value

Polyiso offers increased R-value per inch vs mineral fiber, XPS or EPS options. This helps not only in thermal efficiency of the building but requires less material and waste on the jobsite, a smaller overall building footprint for equivalent square footage and supports compliance with strict masonry codes that limit cavity wall insulation thicknesses.

For the best ci, insulate with Hunter Xci

Nobody knows polyiso like Hunter. Quality and product consistency is never an afterthought with us; it's our prime directive. Hunter Xci products' proven high thermal values and meticulous technical data are only two examples of how we compare to ci products made by other manufacturers.

Codes and compliances

- ASTM C1289
- IBC Chapter 26; IRC section R316
- Designed to meet the most current ASHRAE 90.1 and IECC standards
- NFPA 285 compliant assemblies
- UL 263 hourly designs

Overall metrics of insulation products

Polyiso is the proven choice when it comes to physical properties in the continuous insulation market place.

- Polyiso offers increased R-value per inch vs mineral fiber, XPS or EPS options
- Comparable moisture resistance to XPS and EPS and greater moisture resistance than rockwool
- Great fire performance and wide selection of NFPA 285 compliant assemblies to choose from
- Superior availability and capacity versus other ci options
- Lightweight yet durable, easy to handle. Cuts with a knife or saw
- Proven compatibility with other building components within the wall cavity, including solvent based adhesives and sealants



The International Non-profit NFPA

The National Fire Protection Association (NFPA) is an international non-profit organization established in 1896. The mission of the NFPA is to reduce the worldwide burden of fire and life-safety hazards on people by improving quality of life and advocating for consensus codes and standards, research, training, and education.

Of the tests and standards that are conducted and managed by the organization, NFPA 285 is one of the most stringent. NFPA 285 is a pass/fail, multi-story wall assembly fire test required by code for commercial buildings in construction Types I, II, III, and IV. An assembly with combustible components that successfully passes the test is allowed to be used in non-combustible construction.

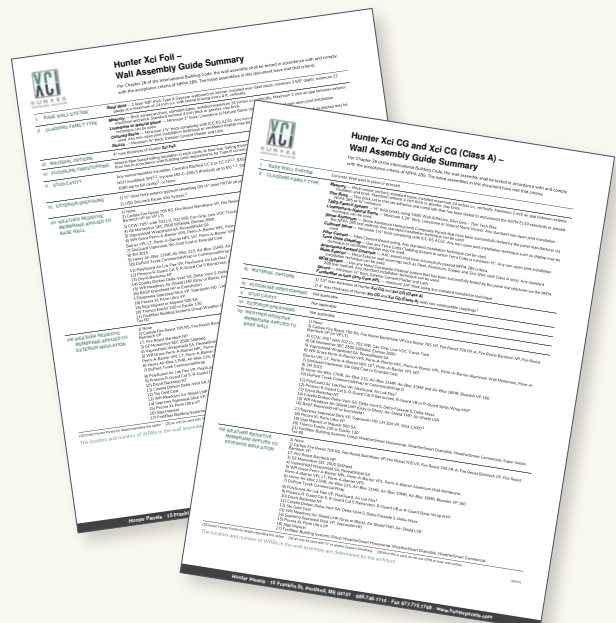
The NFPA 285 test is a complete-assembly test. Unlike independent product approval tests, the assembly includes all significant components of the total wall system (assembly), from interior finish to exterior cladding. Accessory products such as caulks, tapes, flashing, and fasteners are generally not considered as an impact to the test because the overall volume of material is so small.



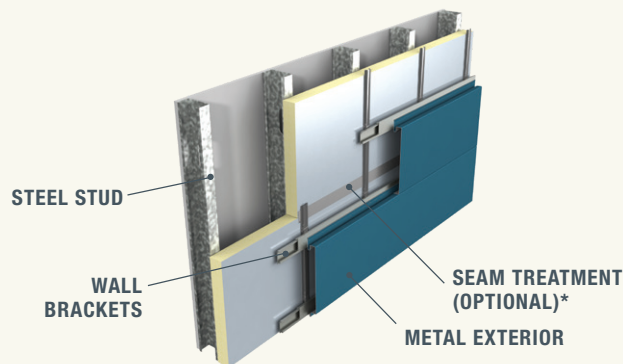
Effective, efficient compliance choices

Hunter Panels performs extensive tests with our Xci products to provide hundreds of NFPA 285-compliant wall assemblies. The latest compliant assembly options are updated regularly on www.hunterpanels.com. A complete Engineering Extension report is also available, showing all assembly options for Xci products in one convenient document, as well as at-a-glance reference sheets for each individual product and base-wall type. The Hunter Panels NFPA 285 assembly information is listed in TER 1402-01 and 1402-02, with information about other fire-performance characteristics of Xci insulations.

Hunter Panels researches and tests the widest assortment of NFPA 285 compliant assemblies available. With this information in hand, architects have the potential for unsurpassed flexibility in their design selection.



Hunter Xci products for NFPA-compliant wall assemblies



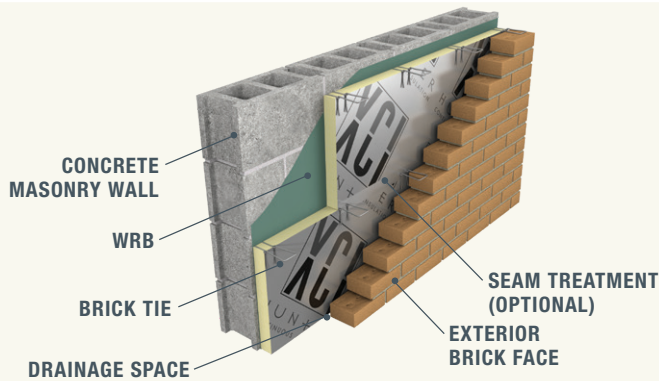
*Required only when Xci Foil Class A is also used as the WRB

HUNTER PANELS Xci FOIL (CLASS A)

For wood, steel, CMU or masonry construction

- Can be installed directly on steel studs in a variety of wall assemblies without the need for gypsum sheathing
- **Flame Spread <25 per ASTM E 84**
- Provides continuous insulation (ci) for FRT wood frame, steel stud, CMU and concrete exterior wall constructions
- Suitable for many commercial wall assemblies
- Available thicknesses 1"–4.0", R-values 6.3–25.2

Note: Suitable for exposed wall or ceiling interior application.

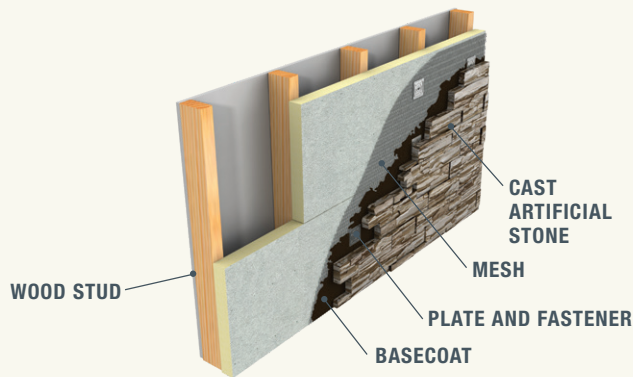


HUNTER PANELS Xci FOIL

For wood, steel, CMU or masonry construction

- Provides continuous insulation (ci) for FRT wood frame, steel stud, CMU and concrete exterior wall constructions
- Available thicknesses 1.0"–4.0", R-values 6.5–27.0
- Suitable for masonry cavity wall applications

Note: Xci Foil is not suitable for exposed interior applications.



HUNTER PANELS Xci CG

For wood, steel, CMU or masonry construction

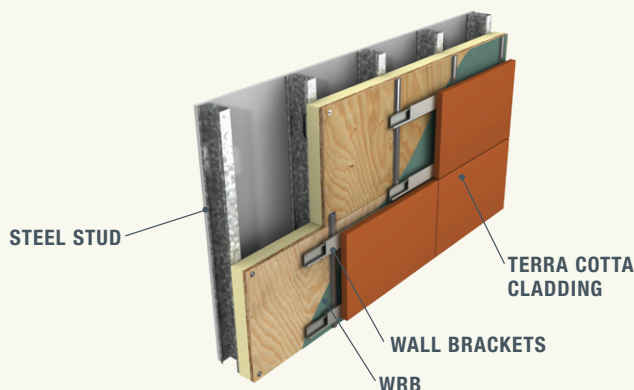
- Can be installed directly on steel studs in a variety of wall assemblies without the need for gypsum sheathing
- Available thicknesses 1.0"–4.0", R-values 6.0–25.0

HUNTER PANELS Xci CG (CLASS A)

- Can be installed directly on steel studs in a variety of wall assemblies without the need for gypsum sheathing

- **Flame Spread <25 per ASTM E 84**
- Available thicknesses 1.0"–4.0", R-values 6.0–25.0

Note: Xci CG is not suitable for exposed interior applications.



HUNTER PANELS Xci PLY

For wood, steel, CMU or masonry construction

- Can be installed directly on steel studs in a variety of wall assemblies without the need for gypsum sheathing
- Optimal substrate for mechanically attaching cladding materials
- Available thicknesses 1.6"–4.7", R-values 6.8–26.0
- Approved for use as structural insulated sheathing up to 2.7" thickness

HUNTER PANELS Xci PLY (CLASS A)

- Can be installed directly on steel studs in a variety of wall assemblies without the need for gypsum sheathing

- **Flame Spread <25 per ASTM E 84**
- Available thicknesses 1.6"–4.7", R-values 6.8–26.0
- Approved for use as structural insulated sheathing up to 2.7" thickness