



Product Description:

ACFoam®-HD Cover Board is a closed-cell polyisocyanurate foam core integrally bonded inorganic ACFoam®-III coated glass facers. Available in 0.5" thick 4' x 4' (1220 mm x 1220 mm) and 0.5" thick 4' x 8' (1220 mm x 2440 mm) panels.

Packaging:

AC Foam®-HD Cover Board is shrink-wrapped, 42 pieces per bundle

Features:

- Coated Glass Facer
- High compressive strength polyiso (80psi, up to 110psi)
- Lightweight, easy to handle and cut
- Manufactured using CFC, HCFC, and HFC free foam blowing technology
- Zero Ozone Depletion Potential (ODP)
- Virtually no Global Warming Potential (GWP)*
- Resistant to mold growth based on independent testing according to UL2824
- Contains approximately 7.4% of recycled materials by weight
- Covered component under the IB Total Systems Warranty
- Can be used for mechanically attached or fully adhered roof assemblies

Application:

ACFoam®-HD Cover Board can be installed over approved substrates using mechanical fasteners, or approved insulation adhesive. Refer to IB Specifications and Construction Details for additional installation instructions.

Approvals:

- ASTM C1289, Type II, Class 4, Grade 1
- FM Standard 4450/4470 Approved
- FM 4473 rated SH-1 for Severe Hail
- UL Standard 1256 Classification Construction No. 120, 123 & 292
- UL Standard 790 (ASTM E108) Roofing Systems Classification
- UL Standard 263 (ASTM E119) Fire Resistance Classification
- ASTM D6329 resistant to mold growth as validated by GREENGUARD Environmental Institute
- UL Certified for Canada

Thermal Data			Recycled Content		
Thickness	Avg. LTTR	Weight (lb/sf)	Post Consumer	Pre Consumer	Total
			0.5"	2.5	.50

Typical Physical Properties		
Property	Test Method	Result
Dimensional Stability	ASTM D2126	<0.5%
Compressive Strength ¹	ASTM D1621	Grade 1
Water Absorption	ASTM C209	<3.0%
Water Vapor Transmission	ASTM E96	<1.5 perm
Flame Spread ²	ASTM E84 (10 min.)	40-60
Smoke Development ²	ASTM E84 (10 min.)	50-170
Tensile Strength	ASTM D1623	> 2000 psf
Service Temperature		-100° F to +250° F

¹ 80psi, up to 110psi
² Numerical ratings are not intended to reflect performance under actual fire conditions