



EVALUATION REPORT

FLORIDA BUILDING CODE 5TH EDITION (2014)

Manufacturer: ATLAS ROOFING CORPORATION
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Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Insulation
Code Sections: 1508.1, 1508.2
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Exova (IAS TL-407)	11-06-M0398-C	ASTM C 1289	2008
Exova (IAS TL-407)	11-06-M0355-C-1289-P	ASTM C 1289	2008
Exova (IAS TL-407)	11-06-M0355-AC1289-P	ASTM C 1289	2008
Exova (IAS TL-407)	11-06-M0355-B-C1289-P	ASTM C 1289	2008
FM Approvals (TST1867)	4D9A8.AM	FM 4450	1989
FM Approvals (TST1867)	3009226	ASTM E 84	2009
FM Approvals (TST1867)	3016150	FM 4450	1989
FM Approvals (TST1867)	3023974	FM 4450	1989
FM Approvals (TST1867)	3028857	FM 4450	1989
FM Approvals (TST1867)	3031262	FM 4450	1989
FM Approvals (TST1867)	3009226	ASTM E 84	2009
Intertek Testing Services NA (TST6781)	101339841SAT-001A	ASTM E 84	2009
Intertek Testing Services NA (TST6781)	101339841SAT-001B	ASTM E 84	2009
Intertek Testing Services NA (TST6781)	102432612SAT-001A	ASTM E 84	2009
PRI Construction Materials Technologies (TST5878)	ATL-077-02-01	ASTM C 1289	2008
PRI Construction Materials Technologies (TST5878)	ATL-129-02-01	ASTM C 1289	2008
PRI Construction Materials Technologies (TST5878)	ATL-129-02-02	ASTM C 1289	2008
PRI Construction Materials Technologies (TST5878)	ATL-198-02-02	ASTM C 1289	2008
UL LLC (TST9628)	R13089	UL790	2004

PRODUCT DESCRIPTION

ACFoam® Composite/FB ASTM C1289, Type IV board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.5" thick high density wood fiberboard. Thickness ranges from 1.5" to 4" and available boards sizes are 4x4 ft and 4x8 ft.

ACFoam® Composite/GB ASTM C1289, Type VII board stock roof insulations comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.25" or 0.5" thick primed glass-mat gypsum board. Thickness ranges from 1.25" to 4" and available boards sizes are 4x4 ft and 4x8 ft.

ACFoam® Composite/PB ASTM C1289, Type III board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.5" thick perlite. Thickness ranges from 1.5" to 4" and available boards sizes are 4x4 ft and 4x8 ft.

- ACFoam® CrossVent®** Venting composite insulation board comprised of an organic felt, glass reinforced faced polyisocyanurate core insulation board with a middle layer of EPS vent spacer strips and a top layer of 7/16" thick APA/TECO rated oriented strand board (OSB) or 19/32" CDX plywood. Thickness ranges from 2.5" to 6.5" and available boards size is 4x8 ft.
- ACFoam® CrossVent® RB** Venting composite insulation board comprised of an organic felt, glass reinforced faced polyisocyanurate core insulation board with a middle layer of EPS vent spacer strips and a top layer of 7/16" thick APA/TECO rated oriented strand board (OSB) or 19/32" CDX plywood. Includes a 'radiant barrier' on the underside of the nailing surface. Thickness ranges from 2.5" to 6.5" and available boards size is 4x8 ft.
- ACFoam® Nail Base** ASTM C1289, Type V board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 7/16" thick APA/TECO rated oriented strand board (OSB) or 19/32" CDX plywood. Thickness ranges from 1.5" to 4.5" and available boards sizes are 4x4 ft and 4x8 ft.
- ACFoam® Recover Board** ASTM C1289, Type II, Class 2, Grade 2 board stock roof insulation comprised of a polyisocyanurate core faced on both sides with coated-glass. Thickness ranges from 0.5" to 1" and available boards sizes are 4x4 ft and 4x8 ft.
- ACFoam® Supreme** ASTM C1289, Type I, Class 1, Grade 2 or Grade 3 board stock roof insulation comprised of a polyisocyanurate core faced on both sides with a tri-laminate foil facer. Thickness ranges from 1" to 3.5" and available boards sizes are 4x4 ft and 4x8 ft.
- ACFoam®-HD Coverboard** ASTM C1289, Type II, Class 4, Grade 1 board stock roof insulation comprised of a flat, closed-cell polyisocyanurate core bonded to ACFoam®-III inorganic coated glass facers. Thickness is 0.5" and available board sizes are 4x4 ft and 4x8 ft.
- ACFoam®-HS Coverboard** ASTM C1289, Type II, Class 4, Grade 1 board stock roof insulation comprised of a high density polyisocyanurate core faced on both sides with a coated polymer-bonded glass fiber mat. Thickness is 0.5" and available board sizes are 4x4 ft and 4x8 ft.
- ACFoam®-II** ASTM C1289, Type II, Class 1, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with organic felt, glass reinforced facers. Thickness ranges from 1" to 4" and available boards sizes are 4x4 ft and 4x8 ft.
- ACFoam®-III** ASTM C1289, Type II, Class 2, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with coated-glass. Thickness ranges from 1" to 4" and available boards sizes are 4x4 ft and 4x8 ft.
- ACFoam®-IV** ASTM C1289, Type II, Class 2, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with heavy coated-glass. Thickness ranges from 0.5" to 3.3" and available boards sizes are 4x4 ft and 4x8 ft.
- Tapered ACFoam® Composite/FB** ASTM C1289, Type IV board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.5" thick high density wood fiberboard. Thickness ranges from 1" to 3" and available board size is 4x4 ft.
- Tapered ACFoam® Composite/GB** ASTM C1289, Type VII board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.25" or 0.5" thick primed glass-mat gypsum board. Thickness ranges from 1" to 3" and available board size is 4x4 ft.
- Tapered ACFoam® Composite/PB** ASTM C1289, Type III board stock roof insulation comprised of a polyisocyanurate core faced on one side with an organic felt, glass reinforced facer and the other side with 0.5" thick perlite. Thickness ranges from 1" to 3" and available board size is 4x4 ft.

- Tapered ACFoam®-II** ASTM C1289, Type II, Class 1, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with organic felt, glass reinforced facers. Thickness ranges from 0.5" to 4.5" and available boards sizes are 4x4 ft.
- Tapered ACFoam®-III** ASTM C1289, Type II, Class 2, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with coated-glass. Thickness ranges from 0.5" to 4.5" and available boards sizes are 4x4 ft.
- Tapered ACFoam®-IV** ASTM C1289, Type II, Class 2, Grade 2 or 3 board stock roof insulations comprised of a polyisocyanurate core faced on both sides with heavy coated-glass. Thickness ranges from 0.5" to 4.5" and available boards sizes are 4x4 ft.

INSTALLATION

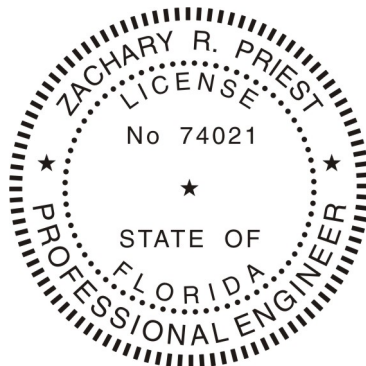
Products shall be installed in accordance with the *Approved* roof system requirements and Atlas Roofing's published installation instructions. Maximum board size for adhered applications is 4 x 4 ft.

LIMITATIONS

- 1) Fire Classification is not within the scope of this evaluation.
- 2) This report is not for use in the HVHZ.
- 3) Roof systems are *Approved* under the product approval granted for the specific roof cover.
- 4) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R Priest P.E. have demonstrated compliance with the Florida Building Code 5th Edition (2014) as evidenced in the referenced documents submitted by the named manufacturer.



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CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

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END OF REPORT