

Issue Date: October 28, 2019

Letter Report No: G103938975SAT-004A

Recipient's Name: Julia Jun
Company Name: Alfrex
Address: 430 Satellite Blvd. NW Suite 101
Suwanee, GA 30024Phone: 470-589-7449
Email: julia@alfrexusa.com

Subject: Summary Letter for Report No. 103938975SAT-004A, for Alfrex regarding testing of Alfrex's 4 mm ACM Panels to NFPA 285.

Dear Julia Jun,

The assembly described above underwent fire resistance testing to the applicable requirements of *NFPA 285 Standard Test Method for Evaluation of Fire Propagation Characteristics of Exterior Non-Load-Bearing Wall Assemblies Containing Combustible Components, 2019 Edition*. The test took place on August 23, 2019 and was conducted at the Intertek B&C test facility in Elmendorf, Texas, USA.

Interior cladding was composed of 5/8 in. thick, American Gypsum Firebloc TYPE X gypsum board. Studs used were 2 in. x 6 in., 20 GA galvanized steel studs, 24 in. oc. Exterior sheathing was composed of 5/8 in. DensGlass® Gold Exterior Sheathing (Georgia Pacific). One layer of Vapro Shield® WrapShield SA vapor barrier was installed over the exterior sheathing, stapled into place. Insulation, 3 in. thick mineral wool, was used between the vapor barrier and ACM panel, held in place with 3 in. wide, 18GA steel zeeks. Exterior panels were 4mm Alfrex ACM Panels installed. The panels were installed leaving a nominal 1/2 in. gap between panels edges.

The assembly and testing are described in full in Intertek Test Report No. 103938975SAT-004

The conclusion of the report states, "The Alfrex wall system containing 4 mm ACM Panels met the conditions of acceptance outlined in NFPA 285, STANDARD FIRE TEST METHOD FOR EVALUATION OF FIRE PROPAGATION CHARACTERISTICS OF EXTERIOR NON-LOAD-BEARING WALL ASSEMBLIES, dated November 2018".



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If you have any questions regarding this letter report, please do not hesitate to contact the undersigned.

Sincerely,

INTERTEK TESTING SERVICES NA, INC.

Completed by:	Emmanuel Ogoe	Reviewed by:	Herbert W. Stansberry II
Title:	Project Engineer, Fire Resistance	Title:	Program Manager, Building & Construction
Signature:		Signature:	
Date:	10/28/2019	Date:	10/28/2019



Company Name: Alfred

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