

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 30024

Phone: 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 zees. 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".



This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only the sample tested. This report by itself does not imply that the material, product or service is or has ever been under an Intertek certification program.





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: Alfrex

Issue Date: October 28, 2019
Letter Report No. G103938975SAT-004A

