

Issue Date: July 06, 2023

Letter Report No: G105480517SAT-002L

Recipient's Name: Julia Jun  
Company Name: Alfrex  
Address: 943 Gainesville Hwy.  
Bldg. 100, Suite 4000  
Buford, GA 30518

Phone: 470-589-7449  
Email: [julia@alfrexusa.com](mailto:julia@alfrexusa.com)

**Subject:** Summary Letter for Report No. G105480514SAT-002, for Alfrex regarding testing of Alfrex's 4 mm FR Core 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, 2023 Edition*. The test took place on June 29, 2023 and was conducted at the Intertek B&C test facility in Elmendorf, Texas, USA.

**Interior cladding** - composed of 5/8 in. thick, TYPE X gypsum board. **Studs** - 2 in. x 6 in., 18 GA galvanized steel studs, 24 in. oc., **Exterior sheathing** - composed of 5/8 in. DensGlass® Gold Exterior Sheathing (Georgia Pacific). **Weather Barrier** - one layer of Vapro Shield® Reveal Shield SA Self-Adhered vapor permeable air barrier, installed over the exterior sheathing. **Insulation** - 3 in. thick Dupont Thermax™ Sheathing (polyiso), used between the vapor barrier and ACM panel, held in place with 5-in. long #12 TEK3 fastener and washers. **Supports** - 18GA steel zeeks. **Exterior panels** - Alfrex 4mm FR Core ACM Panels installed leaving a nominal 1/2 in. gap between panels edges.

The assembly and testing are described in full in Intertek Test Report No. G105480517SAT-002

The conclusion of the report states, "The Alfrex wall system containing 4 mm ACM Panels met the conditions of acceptance outlined in NFPA 285-2023, *STANDARD FIRE TEST METHOD FOR EVALUATION OF FIRE PROPAGATION CHARACTERISTICS OF EXTERIOR NON-LOAD-BEARING WALL ASSEMBLIES CONTAINING COMBUSTIBLE COMPONENTS*."



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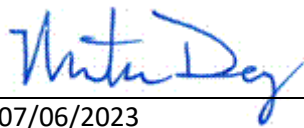




If you have any questions regarding this letter report, please do not hesitate to contact the undersigned:

Sincerely,

**INTERTEK TESTING SERVICES NA, INC.**

Completed by:	Abel de Hoyos	Reviewed by:	Mike Dey
Title:	Senior Project Manager - Fire Resistance	Title:	Senior Project Engineer
Signature:		Signature:	
Date:	07/06/2023	Date:	07/06/2023