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Intertek Letter Report No. 104620087-006L
Intertek Project No: G104620087

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Phone: 470-589-7449

Subject: Summary Letter for Report No. G104620087SAT-002, NFPA 285 testing of Altech Panel Systems Accu-Trac DS System utilizing 4 mm Alfred FR Zinc Composite Panels

Dear Julia Jun,

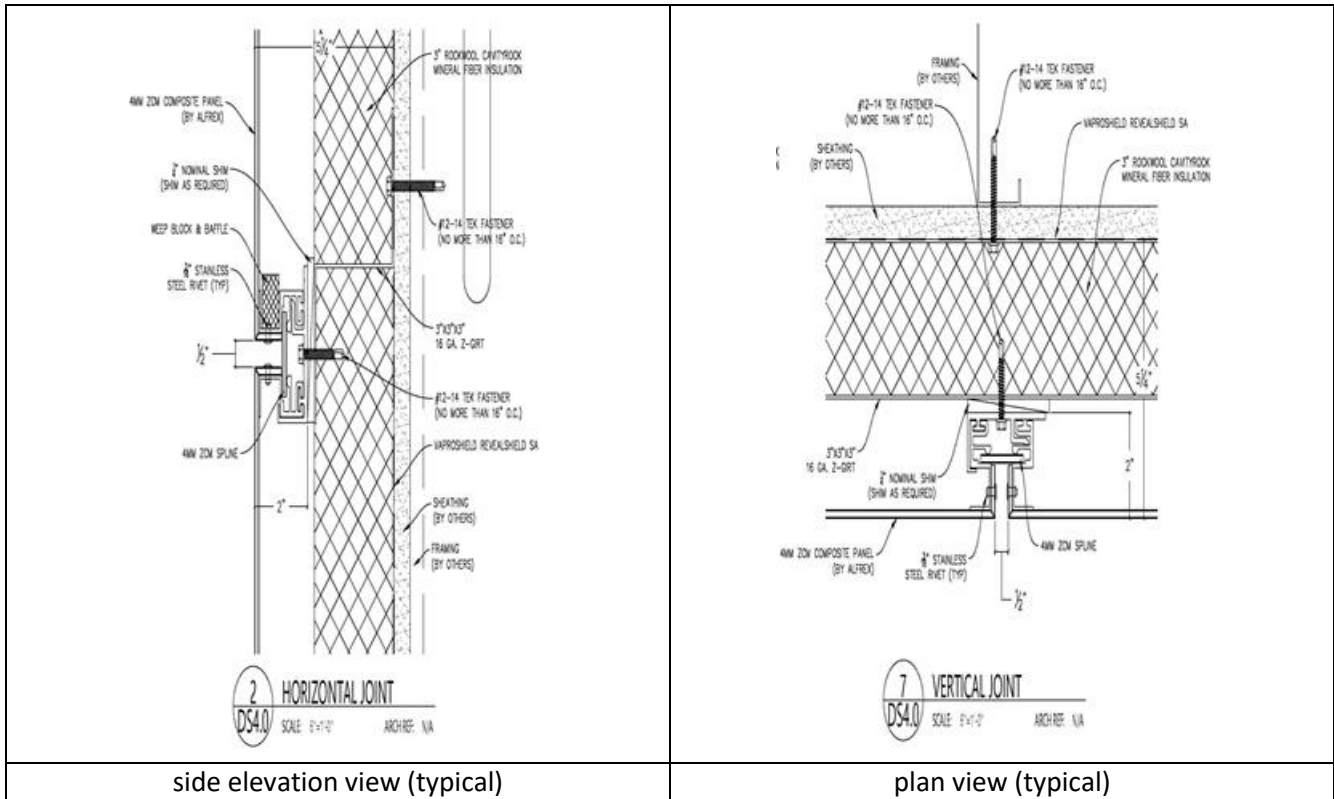
This letter report represents the results of our evaluation of the above referenced product(s) to the requirements contained in the following standards:

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 June 23, 2021 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 with a dual density of 6.2psf on the outer layer and 4.1psf on the inner layer, was used between the vapor barrier and ACM panel. This was held in place with 3 in. wide, 18GA steel zees installed horizontally, spaced 24-in. on center with #12-1-1/2-in. self-drill screws. Exterior panels were 4mm Alfred FR Zinc Composite Panels. 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. G104620087SAT-002





The conclusion of the report states, "The Alfred wall system containing 4 mm Alfred FR Zinc Composite Material 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."





APPENDIX A: Photos





Photo No. 1
4 mm Alfrex FR Zinc Composite Panels Wall Assembly Before Test.



Photo No. 2
4 mm Alfrex FR Zinc Composite Wall assembly after test.



If there are any questions regarding the results contained in this report, or any of the other services offered by Intertek, please do not hesitate to contact your designated Intertek Project Manager.

Completed by:	Adriana Machuca Project Engineer, Fire Resistance	Reviewed by:	Mike Dey
Title:		Title:	Senior Project Engineer
Signature:		Signature:	
Date:	05 August 2021	Date:	13 August 2021



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