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AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report(s). This authorization also applies to the Multiple Listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The Certification Mark(s) may be applied only at the location of the Party Authorized to Apply Mark.

Applicant:	Compuestos Tecnológicos de México S.A. de C.V. Carretera Libramiento Norte León Querétaro Km 4.6 Malvas Parque Industrial Apolo Irapuato,, Guanajuato 36547 Mexico
Contact:	Marisa Negrete
Phone:	462-200-1358
Email:	ingenieria.calidad@alucomex.com
Party Authorized to Apply Mark:	See following page(s)
Evaluation Center:	Intertek (Elmendorf)
Client Number:	282287

Authorized By:
Jean-Philippe Kayl, Director of Certification

Intertek Testing Services NA, Inc.
545 E. Algonquin Road, Ste H., Arlington Heights, IL 60005 USA
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This document supersedes all previous Authorizations to Mark for the noted Report Number.

Testing Standard(s):	NFPA 285 (2012), ASTM E84 (2016)
Product:	Compuestos Tecnologicos de Mexico - Aluminum Composite Panels - Fire-Retardant

ATM for Report: G102979464 **ATM Issue Date:** 10/8/2019

Listing Section(s): BUILDING MATERIALS WITH SURFACE BURNING CHARACTERISTICS
WALL ASSEMBLIES

CSI Code(s): 07 42 43 Composite Wall Panels
07 42 13.23 Metal Composite Material Wall Panels
07 42 00 Wall Panels

Description:

The products covered are Aluminum Composite Panels (ACP), which are sandwich panels, consisting of a fire-retardant-treated, low density polyethylene compound core, between aluminum sheets. The products are listed below:

- Alucomex Fire-Retardant
- Durapanel Fire-Retardant
- Alusign Fire-Retardant
- Alutec Fire-Retardant

FLAME SPREAD RATINGS

Test Standard	Flame Spread	Smoke Development
ASTM E84	≤25	≤450

*Note: The flame spread and smoke development values apply to the panels test with and without protective film.

FIRE RATING

Test Standard	Rating/Results	Design Number
NFPA 285	Meets conditions of acceptance	CTM/MCMWP 30-01

*Note: Only Alutec Fire-Retardant has obtained a fire rating in accordance with NFPA 285. Reference the Design Listing for details.

Party(s) Authorized by Manufacturer To Apply Mark:
None

Party(s) Authorized by Other Parties To Apply Mark:
None

DRAWING INDEX

CTM/MCMWP 30-01

CTM/MCMWP 30-01

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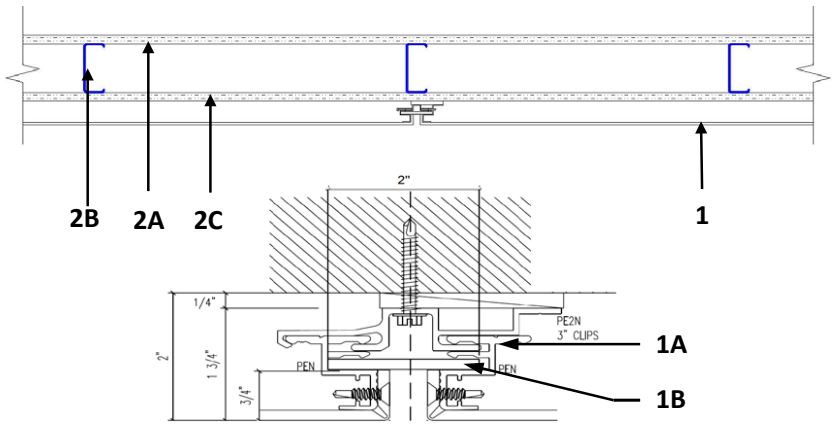
Division 7 – Thermal and Moisture Protection
07 42 00 Wall Panels
07 42 13.23 Metal Composite Material Wall Panels

Compuestos Tecnológicos de México S.A. de C.V.
Design No. CTM/MCMWP 30-01
Exterior Non-Loadbearing Wall Assembly
Alutec Fire-Retardant
NFPA 285 (2012)
Rating: Meets Conditions of Acceptance



1. **CERTIFIED MANUFACTURER:** Compuestos Tecnológicos de México S.A. de C.V.

   CERTIFIED PRODUCT: Aluminum Composite Panel

   CERTIFIED MODEL: Alutec Fire-Retardant, 4 mm thick, installed with a 1/2 in. joint on all sides and a 1-1/2 in. air gap between the panels and the exterior gypsum

   A. Install 3-in. extruded aluminum PE2N clips directly over the exterior gypsum at locations corresponding with the wall framing (Item 2B), along horizontal and vertical panel joints, secured with 2 in. self-drilling screws.
   B. Joint Reveal is 2-in. wide strip of Alutec Fire-Retardant.

2. **EXTERIOR WALL ASSEMBLY:** (Not shown) Incorporate construction features of the exterior wall assembly as described below:

   A. Interior of wall shall be sheathed with one layer of 5/8-in. thick, TYPE X gypsum board. Fasten the gypsum board to the wall framing (Item 2B) with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field. Apply level two finish of vinyl or casein compound, in two coats over fastener heads and joints. Embed nominal 2 in. wide paper, plastic, or fiberglass tape in first layer of compound over the joints.
   B. Wall shall be framed with 3-5/8 in. deep, 20 GA galvanized steel studs spaced 24 in. on center (oc) fastened to 3-5/8 in. deep, 20 GA galvanized steel track. Attach the vertical

CTM/MCMWP 30-01 (2 OF 2)

framing to the track with one #6 x 1/2 in. long self-drilling, pan head fastener per stud flange.

C. Exterior of wall shall be sheathed with 5/8-in. thick TYPE X exterior gypsum attached to the framing with #6 x 1-1/4 in. long, bugle head, self-drilling screws with a nominal spacing of 8 in. around the board perimeter and 12 in. in the field

3. **WINDOW HEADER:** (Not Shown) Frame the window opening with 20 GA galvanized steel track (Item 2B). Use extended return on Aluminum Composite Panel (Item 1) to cover the framed window opening, flush with the interior wall surface. Use minimum 0.040-in. thick aluminum flashing along the header with a 2 in. return on the interior wall face.