

BUILDING PRODUCTS LISTING PROGRAM

Class: Insulated Metal Wall Panels

Customer: Metl-Span, A Division of NCI Group, Inc.
Location: 1720 Lakepointe Drive, Lewisville, Texas

Listing No. B1087-1
Effective Date: October 15, 2015
Last Revised: November 10, 2016
Expires: No Expiration
Website: <http://www.metlspan.com/>

Products: Metl-Span CleanSeam™ Wall and Ceiling Panels.
 (Factory assembly of CF Insulated Metal Panels with Fiber Reinforced Plastic (FRP) Interior Finish)

Metl-Span CleanSeam™ Joint Weld/Seam
 (FRP joint weld & sealing material)

Standard(s): ASTM E84 “Standard Test Method for Surface Burning Characteristics of Building Materials”.

NFPA 286 “Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth”.

CAN/ULC S138-06 “Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-scale Room Configuration”.

CAN/ULC S102-10 “Standard Method of Test for Surface Burning Characteristics of building Materials and Assemblies”.

Label: **CleanSeam™ panels are marked with labels supplied by Metl-Span. The label includes the Manufacturer’s Name, Manufacturing Address, Product Name, Class A Flame Spread, QAI Logo with “C” and “US” indicator, and QAI Listing Number (B1087).**

Ratings: **The following outlines Metl-Span CleanSeam™ Wall and Ceiling Panels with CleanSeam™ Joint Weld/Seam connections performance determined in accordance with the noted standards. The ratings outlined in the tables below are achieved in assemblies that are defined in the QAI Design Listings.**

Metl-Span CleanSeam™ Wall and Ceiling Panels with Joint Weld/Seam ASTM E84 and NFPA 286 Results

QAI Design #	Flame Spread Index	Smoke Developed Index	Max. Panel Thickness	NFPA 286
B1087-1a ¹	≤ 25	≤ 450	6 Inches	Meets Section 2603.9 of IBC

Note 1: The above assembly has been evaluated and found compliant for use as Class A interior finish as outlined in the International Building Code Section 803.1.1 Interior Wall

and Ceiling Finish Materials (or Section 803.1 on some code editions), and complies with Section 803.12 Stability (or Section 803.3 on some code editions).

The above assembly has been permitted to use alternate materials. Testing of assemblies incorporating the alternate materials shows the assembly maintains a Class “A” rating when alternate materials are used. The alternate materials include: Crane Kemlite 0.090” (embossed) Class “A” FRP, Glasteel 0.090” (embossed) Class “A” FRP, Crane Kemlite 0.075” (unembossed) Class “A” – FM FRP, and Crane Kemlite 0.075” (unembossed) Class “A” FRP.

Per Engineering Evaluation TJ4082, alternate joint sealants with a Class “A” rating are permitted to be used on CleanSeam™ panels.

The above assembly has been evaluated and found compliant for use as interior walls and ceilings in single story buildings of Type I, II, III, and IV construction per Chapter 26 of the International Building Code for use without a code prescribed thermal barrier per testing in accordance with Section 2603.9 Special Approval (or Section 2306.10 on some code editions).

This assembly is not evaluated for fire-resistance rated wall applications.

Metl-Span CleanSeam™ Wall and Ceiling Panels with Weld/Seam CAN/ULC S102 and CAN/ULC S138 Results:

QAI Design #	Flame Spread Index	Smoke Developed Index	Max. Panel Thickness	CAN/ULC-S138
B1087-1a ²	≤ 25	≤ 250	152 mm (6 Inches)	Sprinklered Room Compliant when equipped with 68°C (155°F) activation temperature, pendant style listed sprinklers.

Note 2: The above assembly has been evaluated and found compliant for Protection of Foam Plastic in Combustible Construction as outlined in Section 3.1.4.2 of the 2015 National Building Code of Canada (NBC).

The above assembly has been evaluated and found compliant for Factory Assembled Panels for use in Non-Combustible Construction for buildings that are sprinklered, < 18 meters high, have no Group A Group B or Group C major occupancies, with the panel having no air spaces, as outlined in Section 3.1.5.7 of the 2015 NBC and where panels are used in application where flame spread ratings required are ≤ 10.

This assembly is not evaluated for fire-resistance rated wall applications.

Notes: Final acceptance of the product in the intended application is to be determined by the authority having jurisdiction.

Product is to be installed in accordance with the QAI Design Listing and manufacturer’s published installation instructions by qualified installing personnel.

The materials, products or systems listed herein have been qualified to bear the QAI Listing Mark under the conditions stated with each Listing. Only those products bearing the QAI Listing Mark are considered to be listed by QAI.

No warrantee is expressed or implied, and no guarantee is provided that any jurisdictional authority will accept the Listing found herein. The appropriate authorities should be contacted regarding the acceptability of any given Listing.

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Questions regarding this listing may be directed to info@qai.org. Please include the listing number in the request.
