

BUILDING PRODUCTS LISTING PROGRAM

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| Class: | <u>Insulated Metal Wall Panels</u> |
| Customer: | Metl-Span, an NCI Building Systems Company |
| Location: | 1720 Lakepointe Drive, Lewisville, Texas 75057 |
| Listing No. | B1087-2 |
| Effective Date: | December 19, 2016 |
| Last Revised: | January 16, 2017 |
| Expires: | No Expiration |
| Website: | http://www.metlspan.com/ |
| Products: | Metl-Span FRP Clean Wall and Ceiling Panels. (Factory assembly of CF Insulated Metal Panels with Fiber Reinforced Plastic (FRP) Interior Finish) |
| 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 "Standard Method of Test for Fire Growth of Insulated Building Panels in a Full-Scale Room Configuration". CAN/ULC S102 "Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies". |
| Label: | FRP Clean panels are marked with labels supplied by Metl-Span. The label includes the Manufacturer's Name, Manufacturing Address, Product Name, Class A Flame Spread, NFPA 286, Stability Test, CAN/ULC S102, and CAN/ULC S138 results, QAI Logo with "C" and "US" indicator, and QAI Listing Number (B1087-2). |
| Ratings: | The following outlines Metl-Span FRP Clean Wall and Ceiling Panels with Class "A" Joint Filler 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 FRP Clean Wall and Ceiling Panels with Class "A" Joint Filler ASTM E84 and NFPA 286 Results |

| QAI Design # | Flame Spread Index | Smoke Developed Index | Max. Panel Thickness | NFPA 286 |
|----------------|--------------------|-----------------------|----------------------|-----------------------------|
| B1087-2 | ≤ 25 | ≤ 450 | 6 Inches | Meets Section 2603.9 of IBC |

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 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 FRP Clean Wall and Ceiling Panels with Class "A" Joint Filler
CAN/ULC S102 and CAN/ULC S138 Results**

| QAI Design # | Flame Spread Index | Smoke Developed Index | Max. Panel Thickness | CAN/ULC S138 |
|----------------|--------------------|-----------------------|----------------------|----------------------------|
| B1087-2 | ≤ 25 | ≤ 250 | 6 Inches | Sprinklered Room Compliant |

The above assembly has been evaluated and found compliant for *Protection of Foam Plastic in Combustible Construction* where no Group B or Group C major occupancies are present, as outlined in Section 3.1.4.2 of the National Building Code of Canada (NBC).

The above assembly has been evaluated and found compliant for *Combustible Insulation and its Protection 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 3.1.5.12 (7) of the NBC.

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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