

## Walls and Ceilings (FM Approval Class Numbers 4411, 4651, 4880, 4881, 4882)

Under this section an FM Approved product/assembly will only be located/reference for its' Primary Class of Work as detailed below:

Primary Class of Work	Subsections/ Approval Guide Location(s)	Approval Includes
4880	Interior Use Only (Class 4880)	4880
4881	Interior and Exterior Use (Class Number 4881)	4880 and 4881
4882	Smoke Sensitive Occupancies Interior Use Only (Class 4882)	4880 and 4882
	Smoke Sensitive Occupancies Interior and Exterior Use (Class 4882)	4880, 4881, and 4882
4651	Suspended Plastic Ceilings	4651

The heading of the subsections (shown above) details all acceptable uses/applications for the Approved product/assembly. One or multiple uses maybe listed and would included the following;

- Interior use,
- Exterior use,
- Smoke Sensitive Occupancies,
- Suspended Plastic Ceilings

See each subsections and listing detail for additional installation requirements and ratings.

The listed assemblies are not intended as long-term fire walls or barriers since fire endurance was not evaluated. See SPECIFICATION TESTED PRODUCTS, ASTM E119 Standard, for hourly rated systems.

### Interior Use Only (Class Number 4880)

This section contains FM Approved building assemblies for an interior use application only. All assemblies have been examined per the following FM Approvals Standard;

- Class 4880, *Approval Standard for Class 1 Fire Rating of Building Panels or Interior Finish Materials*

All building assemblies are FM Approved with;

- Acceptable application's for walls and/or ceilings,
- Class 1 type/ratings,
- Height restrictions,
- Wall/ceiling product specifications, and
- Interior installation requirements

Products listed as ceiling applications are not necessarily Approved for use as roofs. For approved roofing products and assemblies, [please click here](http://www.roofnav.com) for www.roofnav.com

## Thermalsafe

Product		Primary Class of Work	Application	Class 1 Type/Rating	Height Restriction	Listing Country	Certification Type
Thermalsafe	<b>GREEN</b>	4880-Interior Building Materials	Wall and Ceiling	Inert-Faced with Noncombustible Core	No Height Restriction	United States of America	FM Approved

### Product Specifications

Product	Panel Thickness in (mm)	Core Material	Panel Width in (mm)	Minimum Panel Length ft (m)	Minimum Interior Facer Thickness in (mm)	Minimum Exterior Facer Thickness in (mm)	Facer Material
Thermalsafe	4 – 6 (102 – 152)	Mineral Wool	42 (1067)	8 (2.4)	0.0170 (0.43)	0.0170 (0.43)	Stainless
					0.0190 (0.48)	0.0190 (0.48)	Painted (optional) galvanized or galvalume steel

### Interior Installation Requirements

<b>Flashing</b>	Minimum 0.0170 in. (0.43 mm) thick stainless or minimum 0.0190 in. (0.48 mm) thick painted (optional) G-90 galvanized or Galvalume steel secured at maximum 8 in. (200 mm) on center
<b>Sealant/Gasket/Caulking</b>	Silicone sealant and/or butyl sealant optional.

**GREEN** - This product contains no urea-formaldehyde.

**GREEN** - This product contains no CFC or HCFC.

<b>Company Name:</b>	Metl-Span, an NCI Building Systems Company
<b>Company Address:</b>	1497 N Kealy St, Lewisville, Texas 75057, USA
<b>Company Website:</b>	<a href="http://metlspan.com">http://metlspan.com</a>
<b>New/Updated Product Listing:</b>	No
<b>Green Product:</b>	Yes
<b>Application:</b>	Walls and Ceilings
<b>Class 1 Type/Rating:</b>	Inert Faced with Noncombustible Core
<b>Height Restriction:</b>	No Height Restriction
<b>Listing Country:</b>	United States of America
<b>Certification Type:</b>	FM Approved
<b>Primary Class of Work:</b>	4880-Interior Building Materials