

## Walls and Ceilings (FM Approval Class Numbers 4411, 4650, 4651, 4840, 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.

### Smoke Sensitive Occupancies Interior Use Only (Class Number 4882)

This section contains FM Approved building assemblies for an interior use application only, and are also rated for use in smoke sensitive occupancies. All assemblies have been examined per the following FM Approvals Standard;

- Class 4882, *Approval Standard for Class 1 Interior Wall and Ceiling Materials or Systems for Smoke Sensitive Occupancies*
- 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
- Smoke rating and approved use of occupancies for the smoke rating (when a smoke rating is required)

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

### IVY 573, IVY 573E

Product		Primary Class of Work	Application	Class 1 Type/Rating	Height Restriction	Listing Country	Certification Type
IVY 573, IVY 573E	<b>GREEN</b>	4882-Cl1 1 Int Wall Pnl's in Smk SensOcc	Walls Only Requires Non-combustible Ceiling	Single Skin – Uninsulated Building Panels for use in Pharmaceutical & Storage Occupancies	No Height Restriction	Japan	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

IVY 573	0.079 (2.0)	C-PVC	35.8, 39.4, 48 (910, 1000, 1220)	6 (1820)	N/A	N/A	N/A
IVY 573E	0.079 (2.0)	C-PVC	35.8, 39.4, 48 (910, 1000, 1220)	6 (1820)	N/A	N/A	N/A

### Interior Installation Requirements

<b>Flashing</b>	N/A
<b>Sealant/Gasket/Caulking</b>	Joints between panels sealed with Takiron PVC Welding Rod 6171 (PVC) or ROD-HT 573S (C-PVC)
<b>Other</b>	.Panels must be adhered to the non-combustible backing with Takibond #47 adhesive (Modified Silicone Polymer) adhesive and double face Takitape #47

### Smoke Rating Approved Use

<b>Type of Occupancies</b>	Pharmaceutical manufacturing and storage areas, food preparation and storage areas or similar occupancies
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**GREEN** - This product contains no urea-formaldehyde.

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

**GREEN** - This product is manufactured with recycled material.

<b>Company Name:</b>	C.I. Takiron Corporation
<b>Company Address:</b>	Shinagawa Intercity Tower A, 2-15-1 Konan, Minato-Ku, Tokyo 108-6031 Japan
<b>Company Website:</b>	<a href="http://www.takiron.co.jp">http://www.takiron.co.jp</a>
<b>New/Updated Product Listing:</b>	No
<b>Green Product:</b>	Yes
<b>Application:</b>	Walls Only Requires Non-combustible Ceiling
<b>Class 1 Type/Rating:</b>	Single Skin – Uninsulated Building Panels for use in Pharmaceutical & Storage Occupancies
<b>Height Restriction:</b>	No Height Restriction
<b>Listing Country:</b>	Japan
<b>Certification Type:</b>	FM Approved
<b>Class of Work:</b>	4882-Cls 1 Int Wall Pnls in Smk SensOcc