

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

Insulating materials may occur in building construction to reduce heat or sound transmission through a wall, roof or floor-ceiling assembly. See Roofing Products and Assemblies Category for roof insulations.

The insulation listed below may be a surface treatment exposed to the building occupancy or as core material faced with metal, gypsum wallboard, concrete or masonry.

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.

### Metal-faced with Combustible Core

Products identified with the **GREEN** symbol have attributes that are considered to be “sustainable” by certain outside organizations. FM Approvals verifies the presence of these attributes. Specific attributes for specific products are listed in the individual listings. To facilitate a search for these products in the Approval Guide, first search by the product type you desire and then refine your search to products with the **GREEN** symbol.

#### Norex-S

Product	Primary Class of Work	Listing Country	Height Restriction	Certification Type
Norex-S	4880-Wall/Ceiling Ins. Assembly	Canada	No Height Restriction	FM Approved

Product	Panel Thickness in (mm)	Panel Width in (mm)	Minimum Exterior Facer Thickness in (mm)	Minimum Interior Facer Thickness in (mm)
Norex-S	2 - 6 (50.8 – 152.4)	44 (1118)	0.018 (0.45)	0.018 (0.45)

**Facer Material:** Prefinished zinc coated steel

**Insulating Foam Systems:** Polyisocyanurate (PIR)

**Flashing:** Assembly interior corners are finished with 2.0 x 2.0 in. x 26 ga. (51 x 51 x 0.45 mm) flashing fastened 12 in. (300 mm) on center with self-drilling screws.

**Other:** Norex-S is designed with a straight joint for interior partitions.

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<b>Company Website:</b>	<a href="http://www.norbec.com">http://www.norbec.com</a>
<b>New/Updated Product Listing:</b>	Yes
<b>Green Product:</b>	No
<b>Primary Class of Work:</b>	4880-Wall/Ceiling/Roof Ins.Assem.
<b>Listing Country:</b>	Canada
<b>Height Restriction:</b>	No Height Restriction
<b>Certification Type:</b>	FM Approved