

Thermolight™ 100 Channel Glass Insulation



Composition:

Glass fibers coated with a UV-stable binding agent

Application:

Interior, Exterior

Installation:

Inserts in the cavity of a double-glazed channel glass wall. It is hung with factory-installed hook strip, silicone at the top, and continuous transparent tape on one side. The material arrives cut-to-size from the factory, and can be easily re-cut in the field to meet job conditions.

Approx Dimensions:

Factory cut-to-size, compressible; Thicknesses = 4" (100 mm); can be easily cut to size in the field to meet site conditions

Approx Weight:

0.25 lbs/ft² (1.25 kg/m²)

Maintenance:

Thermolight 100 insulation is securely inserted and sealed inside the cavity of a double-glazed channel glass wall, and does not require maintenance post installation.

Performance Characteristics:

- **Visible Light Transmittance (VLT)** = 33%
- **U-Value** = 0.21
- **Solar Heat Gain Coefficient (SHGC)** = 0.33
- **STC Rating** = 43

Testing:

Fire-retardant material with Euro class B1 test certificate

Potential Leed Credit:

- EA Credit 1: Optimize Energy Performance
- IEQ Credit 7.1: Thermal Comfort
- IEQ Credit 8.1: Daylight & Views: Daylight 75% of Spaces

Options & Customizations:

4" (100 mm) Thickness