

Wacotech™ TIMax 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 = 2.75" (70 mm – GL), 4" (100 mm – GL Plus); can be easily cut to size in the field to meet site conditions

Approx Weight:

0.25 lbs/ft² (1.25 kg/m²)

Maintenance:

Wacotech TIMax 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)** = 48% (GL) / 23% (GL-Plus)
- **U-Value** = 0.24 (GL) / 0.19 (GL with Low-E) / 0.19 (GL-Plus)
- **Solar Heat Gain Coefficient (SHGC)** = 0.43 (GL) / 0.24 (GL-Plus)
- **STC Rating** = Brings an improvement of 1-2 dB soundproofing

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:

- TIMax GL: 2.75" (70 mm) Thickness
- TIMax GL-Plus: 4" (100 mm) Thickness