



Future Glass Website ecoTHERM

ecoTHERM

Insulated panels for thermal efficiency and enhanced comfort

ecoTHERM Insulated Glass Units (IGUs) have two or more glass lites separated by a desiccated air space, offering better thermal efficiency. These high-performance panels offer enhanced solar-control performance and spectral specificity, making them an indispensable choice for façades. Depending on your façade requirements, we can process ecoTHERM panels with basic tints, solar coatings and low-E coatings. When you opt for ecoTHERM, you enjoy better sound insulation and minimal to no condensation. For lower heat-flow rates, you can choose to have the IGU filled with an inert gas like argon. We prioritise quality and process ecoTHERM in a 100% vertical assembly to ensure no warpage during manufacturing.

Key Features

Quality Components

We source all components for our ecoTHERM panels from premium European and American suppliers.

Robust Processing System

We use vertical robotic sealing to ensure minimal glass warpage.

Bent Corners

We offer better structural stability with uncut, bent spacer joints.

Easy Tracking

Our Litesentry equipment enables us to ensure 100% real-time tracking of each glass panel. Additionally, it allows us to ensure quality control and minimise optical distortion.

Technical Specifications

Feature	Description
Process Type	Vertical, fully automatic assembly line
Glass Types	Clear, extra clear, ultra clear, tinted, solar-control coated, low-E coated
Additional Process Compatibility	Ceramic frit, DIGIVIEW digital printing, sand-blasting, acid etching and holes
Product Enhancement	Can be constructed with CurveView (curved glass), ecoLAM (laminated glass), or our fire safety, security and creations product ranges
Unit Thickness Range	12 mm to 100 mm



Edge Types	Rough grind, arrissed, super polished
Air Fill Type	Atmospheric air or Argon (Ag)
Spacer Make	Profilglass (Italy), Rolltech (Denmark), Tecnoform (Germany)
Butyl Make	Fenzi (Italy), Dow (USA)
Desiccant Make	Fenzi (Italy)
Silicone Make	Dow (USA)

Dimensions

Minimum Size	250 mm x 350 mm
Maximum Size	2440 mm x 5100 mm