

# Optitherm®

Optimum clarity and insulation



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**GLASSWORKS**

Glassworks performance range

# Optitherm®

## Enjoy the outdoors, from indoors

Optitherm is a clear low-E glass with high clarity and thermal performance. It is designed to maximise the view and daylight entering the room whilst providing natural insulation. With a Visible Light Transmission (VLT) of 80% in an Insulated Glass Unit (IGU), if Optitherm were any clearer it would rival a piece of clear glass, without the added benefits of lower heat gain and U-Value figures.

## Stay warmer in winter

The coating must be double glazed in an IGU and performs best on surface 3 where it is most effective at stopping heat escaping the room during the colder months. This configuration allows Optitherm to achieve a low U-Value of 1.4, compared with 2.6 of a regular uncoated clear IGU, commonly specified in new homes and multi-res projects.

# The perfect clear low-E at the perfect price point

## Ideal for residential projects

Optitherm is logical step up from regular clear double glazed windows which all new home builds and renovations should consider as a minimum. Not only do they look great but the initial investment is far outweighed by the cost savings and health benefits that come from less artificial lighting, cooling and heating.



### Performance

Description	6mm Clear Glass	Insulated Glass Unit 4mm Clear 12mm Argon 4mm Clear	Typical Low-E IGU 4mm Clear 12mm Argon 4mm EnergyTech®	Insulated Glass Unit 4mm Clear 12mm Argon 4mm Optitherm®
Visible Light Transmission	88%	78%	74%	79%
Reflectance Exterior	8%	14%	17%	12%
Solar Heat Gain Coefficient	0.82	0.71	0.70	0.60
U-Value	5.81	2.58	1.65	1.39