



**VISTA THERM**  
*Elite*

CONSERVATORIES

## Controlling Light Transmission and Solar Energy in Conservatories

a product rich in combinations

The most common problem associated with conservatories is **excessive heat build-up** during summer months and **uncomfortable glare from the sun**. VistaTherm Elite combined with our solar glass for conservatories is a multi functional product developed to combine solar and insulating properties.

**Complimenting the benefits of the VistaTherm Elite unit outlined overleaf, and maintaining U-Value of 1.1w/m<sup>2</sup>k our conservatory unit offers many additional advantages:**

- available in both toughened and laminated for safety
- available in neutral colour or in a blue tint for varying degrees of solar protection
- high performance glass with superb aesthetics
- protects against excessive heat build-up during summer months
- protects against heat loss during winter months
- permits light to pass through while at the same time significantly reducing solar transmission

**VistaTherm Elite** is the latest and most revolutionary development in low emissivity glass - the ideal double glazing units for conservatories in all climates.

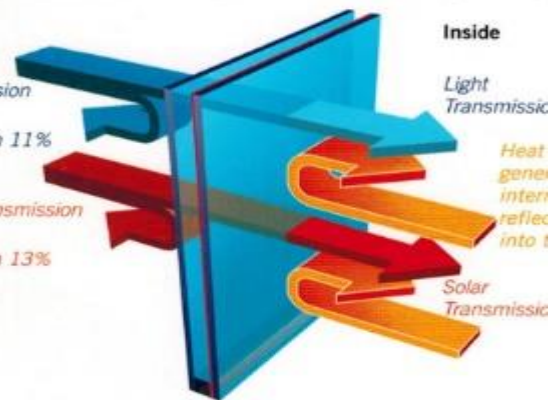
**How it Works:** (approximate transmission)

**Example:** 4mm Solar Neutral Tough / Gas / 4mm Elite Tough

Outside

Light Transmission 100%  
Reflection 11%

Solar Transmission 100%  
Reflection 13%



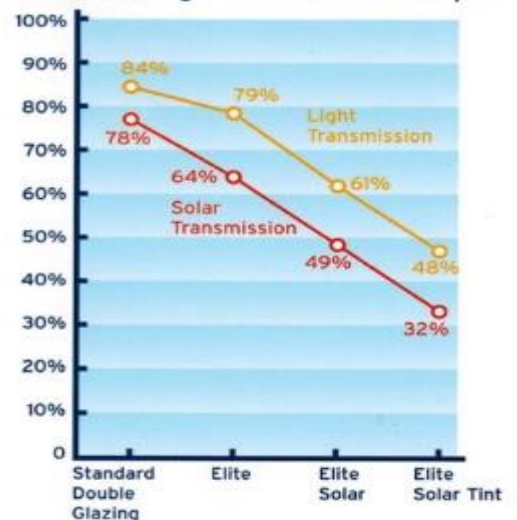
Inside

Light Transmission

Heat generated is reflected into the room

Solar Transmission

Approximate Solar/Light Transmissions Examples:



**CareyGlass**  
INTERNATIONAL

www.careyglass.com

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## High performance insulating glass up to 136% better than standard double glazing thermal efficiency for your home

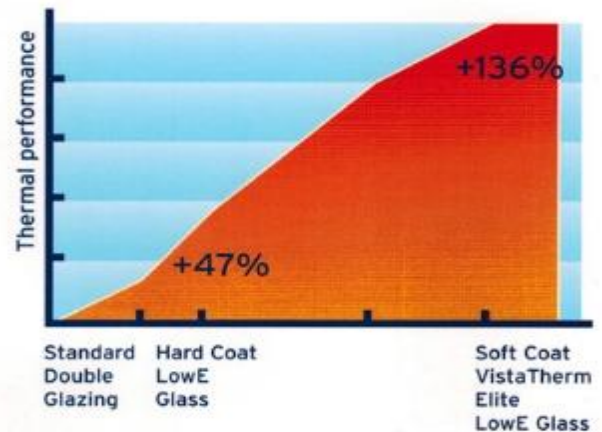
- eliminate heat loss during cool months
- help cut your energy costs/fuel bills
- make your home more comfortable
- eliminate uncomfortable cold spots close to windows

### Additional benefits of VistaTherm Elite

- high light transmission and optimal clarity
- guaranteed precision of glazing unit calibration during manufacture
- the cavity of the sealed glazing unit is de-mineralised to maintain the integrity of the sealed unit long term
- high flexibility in terms of unit dimensions and types of glass available
- unique safety edges for ease of handling
- glass can be toughened for safety and greater security

VistaTherm Elite, the latest and most revolutionary development in low emissivity glass, offers superior thermal performance and light transmission with a U-Value of 1.1m/m2k

**greater comfort and lower energy costs for your home**



Outside

Short wave energy originating from the sun

Soft Coat VistaTherm Elite coating



Inside

Long wave radiation heat generated by heating systems, lighting and building occupants