

# Infinitt E™

## Low-E Glass

### Applications

- Office Buildings
- Commercial Facades
- Residential Facades
- Hotels
- Institutional Buildings



## Features

Infinitt E is a special Low-E coating that is designed to increase the thermal performance of windows and reduce heat transfer.

Low E coatings are designed to reflect long wave radiation from the inside or outside of the building. They are generally non-reflective and highly transparent.

The coating will help to prevent heat escaping the building during winter, and at the same time allowing free passive heating from the sun to warm the building, contributing to an increased energy efficiency of the windows.

The coatings are perfect to use in IGUs and in conjunction with a tinted coating in order to control the solar gain.

Benefits:

- Improve thermal efficiency of windows
- Improved thermal insulation
- Promotes passive solar heat gain
- Improved solar control performance when used in conjunction with tinted coatings.

*Please ensure the current data sheet is consulted prior to specification. If in doubt please contact Woods Glass.*

# Infinet E™



## Performance/ Specifying

Infinet E low-E coating increases the thermal performance of windows by reflecting the long wave heat radiation. This is best measured using the U-Value, which is a measure of the rate of heat gain or loss through glazing due to temperature differences of the internal and external environments. All glass must be engineered to specific code and design, please contact Woods Glass to find out more information.

Glass Type	Make-up	U Value
4mm Float	4	5.88
4mm Low E	4	3.67
IGU Clear	4/6as/4	3.14
IGU Low E	4/6as/4	2.53

### Key

as = airspace  
A = Acoustic  
IGU = Insulating  
Glass Unit

## Building Codes

AS/NZS2208 - Building safety glazing materials

## Glass Types

- Monolithic
- Laminated
- Toughened
- IGU

## Cleaning/ Maintenance

Normally when cleaning glass, a vinegar-based glass cleaner or mild dish soap and water with a soft, lint-free cloth or paper products is recommended. A squeegee or soft cloth may be carefully used to dry the glass and help avoid water spots.

It is not recommended to use petroleum-based cleaners or solvents as they can streak the glass and weaken the seal between the glass and frame. Avoid washing in direct sunlight to reduce streaking on the glass.

Never use razor blades, steel wool, putty knives or abrasive pads as they may damage the glass, particularly on toughened glass.

## Range

Many different thicknesses and tints are available for Infinet E. It can also be applied to laminated glass, IGUs and combined with other products to increase solar control. Woods are able to supply many options so please contact us to discuss special requirements.



**Auckland Office**  
+64 (0)9 525 3379  
Fax: +64 (0)9 525 8200  
enquiry.akl@woodsglass.co.nz

**Wellington Office and Factory**  
Phone: +64 (0)4 913 1999  
Fax: +64 (0)4 939 4499  
enquiry.wgtn@woodsglass.co.nz

**Christchurch Office and Factory**  
Phone: +64 (0)3 366 3733  
Fax: +64 (0)3 365 6422  
enquiry.chch@woodsglass.co.nz