



Energy Standard



KEEP YOUR HOME WARM AND COMFORTABLE

Keeping your home warm can be challenging when energy prices are rising. Choosing windows with Planitherm Energy Standard glass can help to combat this.

The special coating on our glass captures the warmth from natural daylight, and stops 56%* more internal heat escaping than older-style double glazing. So, it will cost you less to keep your home warm.

HOW IT WORKS

The crystal clear, microscopic coating applied to the inner pane of glass allows more light and heat into the room, helping to warm it, while keeping more heat in too.

BENEFITS

- Improved energy efficiency
- Can help lower energy bills

WHERE TO USE IT

Ideal for standard windows in any room, but not ideal for south- or west-facing rooms with sunny aspects or large glazed areas.

Outer pane	4mm PLANICLEAR
Inner pane	4mm PLANITHERM TOTAL+
Cavity	20mm Argon gas filled Warm edge spacer

*Compared with a 4mm/16mm cavity/4mm (uncoated) Double Glazed Unit filled with air. **Calculated from UV transmittance in accordance with EN 410.

PLANITHERM COMFORT GLAZING OPTIONS

EMPLAS
Reflections On Quality



Comfort



ENERGY
EFFICIENCY



ENHANCED
SECURITY



NOISE
REDUCTION



FURNITURE
FADE
PROTECTION



Choose better security and better sleep

Disturbed by outside noise? Concerned about security? Choosing windows with Planitherm Comfort can help provide the answer.

With a built-in transparent layer, Comfort glass is much tougher to break through than standard, unlaminated glass. Ideal for bedrooms or street-facing rooms, the layer also reduces noise by 23%*, helping to improve your overall well-being. As an added bonus, it also blocks 99%** of UV rays, helping your furnishings to look as good as new for longer.

HOW IT WORKS

The transparent layer laminated between two panes of glass creates a strong barrier, dampens noise and blocks over 99%** of UV light.

BENEFITS

- Helps protect against burglary and vandalism – designed to meet the official police security initiative 'Secured by Design' standard
- Reduces unwanted noise
- Improved energy efficiency
- Reduces fading of your furniture

WHERE TO USE IT

Ideal for standard windows in any room, particularly bedrooms for a peaceful night's sleep, or those overlooking busier streets where noise and/or security are a concern.

Outer pane	6.8mm STADIP SILENCE (6.8mm Acoustic Laminated Glass)
Inner pane	4mm PLANITHERM TOTAL+
Cavity	18mm Argon gas filled Warm edge spacer

*Compared with a 4mm/16mm cavity/4mm (uncoated) Double Glazed Unit filled with air. **Calculated from UV transmittance in accordance with EN 410.

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Comfort Plus



MAKE YOUR HOME INTO THE ULTIMATE SANCTUARY

For the perfect balance of light, warmth and comfort choose Planitherm Comfort Plus.

An invisible coating is specifically designed to block out 50% of external heat from the sun while keeping in 59%* more internal heat. Your home will be cooler in summer and warmer in winter.

Particularly useful for large glazed areas, such as bi-fold or patio doors, and for south- and west- facing rooms with sunny aspects. The glass is also combined with a built-in transparent layer to give you all the comfort features of the Comfort option.

HOW IT WORKS

The special clear coating on the glass reflects away heat from the sun, while optimising heat retention in the room. The transparent, laminated layer creates a strong barrier, dampens noise and blocks 99%** of UV light.

Outer pane	6.8mm STADIP SILENCE (6.8mm Acoustic Laminated Glass)
Inner pane	4mm PLANITHERM ONE T
Cavity	18mm Argon gas filled Warm edge spacer

BENEFITS

- Blocks out heat from the sun's rays, giving you greater control of your internal temperature
- Improved energy efficiency
- Helps protect against burglary and vandalism – designed to meet the official police security initiative 'Secured by Design' standard
- Reduces fading of your furniture
- Reduces unwanted noise

WHERE TO USE IT

Ideal for homes with large glazed areas, bi-fold doors and south- and west-facing aspects. Excellent choice for both new builds and renovations.

*Compared with a 4mm/16mm cavity/4mm (uncoated) Double Glazed Unit filled with air. **Calculated from UV transmittance in accordance with EN 410.