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Interpane **iplus** Alpha



IGA UK Launches Interpane iplus Alpha to the UK Market

Interpane iplus Alpha is the latest development in low-e coating technology, offering the highest performance levels to suit the needs of the UK market. Interpane iplus Alpha has been developed in specific response to the changes to Part L of the Building Regulations for England & Wales and to help achieve levels A,B & C of the Window Energy Ratings scheme.

IGA UK will distribute the product exclusively in the UK on behalf of Interpane AG. The product will be available from the 1st October 2010 in all standard thicknesses and stock sizes, in full loads or in conjunction with other float glass products.

Benefits

- Superior Performance offline low-e coated float glass
- Highest Light transmission figures achievable with a low-e glass
- Highest g-value achievable with a low-e glass
- Superior clarity and visual appearance
- Can be combined with gas filling and thermally insulating spacer bars
- Single stock toughenable product
- Toughens faster and at lower temperatures than other leading low-e glasses
- Comfortably achieves a Window Energy Rating of 'C' or higher with all leading window profiles
- A and B Window Energy Ratings more easily achievable than with other leading low-e glasses
- Helps satisfy thermal performance requirements for Windows as set out in Part L of the Building regulations for England & Wales, applicable from 1st October 2010
- Available as laminated for safety applications
- Can be combined with low iron, solar control, acoustic, self cleaning and decorative glasses
- Provides wider choice of low-e product to Tougheners, fabricators and installers

Applications

- Domestic Windows
- Patio doors, French doors and sunrooms
- Conservatories and skylights
- Commercial Windows & architectural glazing
- Facades and structural glazing systems

Interpane iplus Alpha

U-value	1.3 W/m2 K
Light Transmittance	82%
Light Reflectance	13%
g-value	72%

iplus Alpha

Performance Data -Interpane iplus Alpha

Internal pane	Interpane iplus Alpha	
	Interpane clear float glass	Interpane ipawhite
External pane		
Composition (mm)	4 - 16 - 4	4 - 16 - 4
Low-e coated surface	3	3
Visible Light		
	Transmittance %	82
	External Reflection %	13
Solar Radiant Heat	Internal Reflection %	13
	Transmittance %	65
	External Reflectance %	22
	External Absorbance %	5
Solar Factor	Internal Absorbance %	7
	g EN410	0.72
	Shading Coefficient	0.83
U-value		
	Air filled cavity W/m2K	1.5
	90% argon filled cavity (EN1279) W/m2K	1.3