

Reduce Fading

Comparison Point: 4/12/4 Std Frame

Classic
Double Glazing




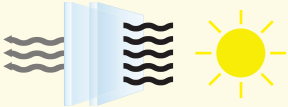








Low E Plus
Double Glazing

Low E Max
Double Glazing

Low E Xcel
Double Glazing

Classic
Double Glazing + Laminate

Low E Max
Double Glazing + Grey Tint

Fading Reduction		
		
		
		
		
		
		

Comparative Data	
Fading Reduction	
16%	
16%	
6%	
30%	
90%	

Note: thicker tints will provide more shading, and may be required for wind loads in certain areas

Increase Privacy

Comparison Point: 4/12/4 Std Frame

Classic
Double Glazing



Low E Plus
Double Glazing



Low E Max
Double Glazing





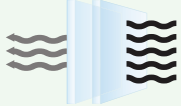












Low E Xcel
Double Glazing



Low E Max
Double Glazing + Grey Tint



Privacy		
		
		
		
		
		

Comparative Data	
Light In Reduction	Reflectance Increase
17%	3%
17%	3%
1%	2%
50%	7%

Note: thicker tints will provide more shading, and may be required for wind loads in certain areas, higher reflectance increases the level of privacy

Keeping Your Home Warm

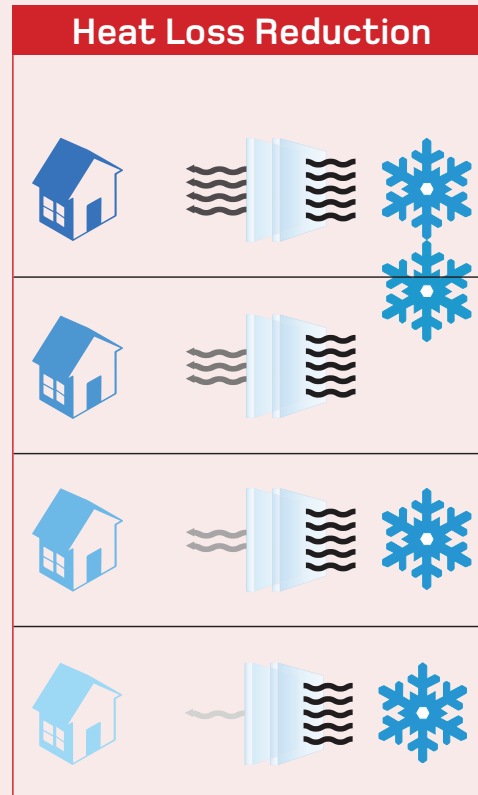
Comparison Point: 4/12/4 Std Frame

Classic
Double Glazing

Low E Plus
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Low E Max
Double Glazing

Low E Xcel
Double Glazing



Comparative Data	
Energy Star Rating	Insulation Improvements
2.0	
3.0	53%
3.5	81%
4.0	123%

Note: Insulation improvement U-value for Classic 2.9 U-Value for Xcel 1.3 thus 123%

Keeping Your Home Cool

Comparison Point: 4/12/4 Std Frame

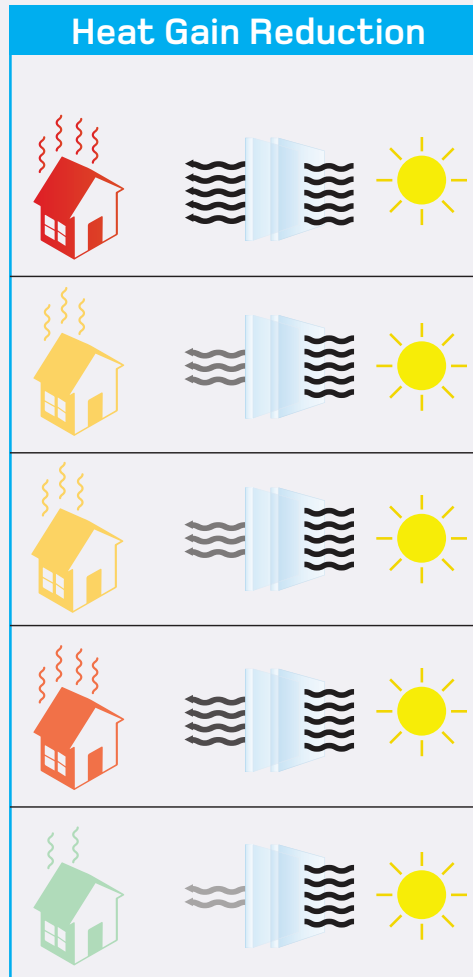
Classic
Double Glazing

Low E Plus
Double Glazing

Low E Max
Double Glazing

Low E Xcel
Double Glazing

Low E Max
Double Glazing + Grey Tint



Comparative Data	
Heat Gain Reduction	Shading Improvement
38%	38%
38%	38%
24%	25%
60%	61%

Note: thicker tints will provide more shading, and may be required for wind loads in certain areas

Reduced Noise

Comparison Point: 4/12/4 Std Frame

Classic
Double Glazing



Classic
Double Glazing



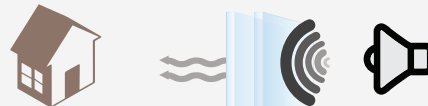
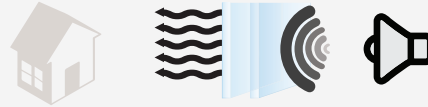
+ 6.76mm Laminate

Classic
Double Glazing



+ 8.76mm Laminate & 8mm glass

Noise Reduction



Comparative Data

Noise Reduction

30dB

37dB

40dB

Note: Calculated from simulated STC ratings



METRO

PERFORMANCE GLASS



nzwindows

The Builders Choice