

Declaration of Performance

Double Pane Glass 6mm Tempered LoE³-366, 14.5 mm Argon, 6mm Tempered Clear

Cardinal Glass Industries
716 Northeast 6th Street
Greenfield, IA 50849
07

Insulating glass units intended to be used in buildings and construction works
EN 1279-5:2005

Double Pane Glass 6mm Tempered LoE ³ -366, 14.5 mm Argon, 6mm Tempered Clear Characteristics	AVCP Systems	Performance
Safety in Case of Fire		
Resistance To Fire	1	NPD
Reaction To Fire	3, 4	NPD
External Fire Performance	3, 4	NPD
Safety in Use		
Bullet Resistance	1	NPD
Explosion Resistance	1	NPD
Burglar Resistance	3	NPD
Pendulum Impact Resistance	3	1 (C) 3
Resistance Against Sudden Temperature Changes And Temperature Differentials	4	200K
Wind, Snow, Permanent And Imposed Load Resistance	4	6 mm
Protection Against Noise		
Direct Airborne Sound Reduction (dB)	3	31
Thermal Properties		
Declared Emissivity	3	0.02/0.84
U-value (W/m ² K)	3	1.07
Radiation Properties		
Light Transmission	3	0.63
Light Reflection	3	0.11
Solar Energy Characteristics		
Solar Transmission	3	0.27
Solar Reflection	3	0.32
Solar Factor (g)	3	0.30
Durability	3	PASS

The performance of the product identifier is in conformity with the declared performance above.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Kevin Roth 
Technical Service Engineer

Date: December 9, 2018
Location: Minneapolis, MN