

**GlasSeal (NI) Ltd.**

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01/07/2013

EN 1279-5

Insulating glass units intended to be used in buildings and construction works

4mm Annealed/12mm Argon 90% Low-E/4mm Annealed/12mm Argon 90% Low-E/4mm Toughened [36mm]
GS-TGU 04A-AR12LE-04A-AR12LE-04T*Characteristics:***For uses relating to safety in case of fire**

Resistance to fire	NPD
Reaction to fire	NPD
External fire performance	NPD

For uses as anti-bullet or anti-explosion glazing

Bullet resistance	NPD
Explosion resistance	NPD

For uses liable to present "safety-in-use" risks and subject to such regulations

Burglar resistance	NPD / NPD
Pendulum body impact resistance	NPD / NPD / 1(C)3
Resistance against sudden temperature changes and temperature differentials	40K / 40K / 200K
Wind, snow, permanent and imposed load resistance (mm)	4/12/4/12/4

For uses relating to noise reduction

Direct airborne sound insulation (dB)	NPD
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For uses relating to energy consumption

Emissivity ϵ_d	NPD
U value (W/m^2K)	0.8
Light transmittance τ_L	NPD
Light reflection ρ_L	NPD
Solar energy transmission τ_E	NPD
Solar energy reflection ρ_L	NPD
Solar factor g	NPD

Dangerous Substances:

Dangerous substances	No
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NPD : No Performance Declared