



GUARDIAN CLIMAGUARD 55/27

◀ 3 mm Glass Guardian
ClimaGuard 55/27

Plane 1

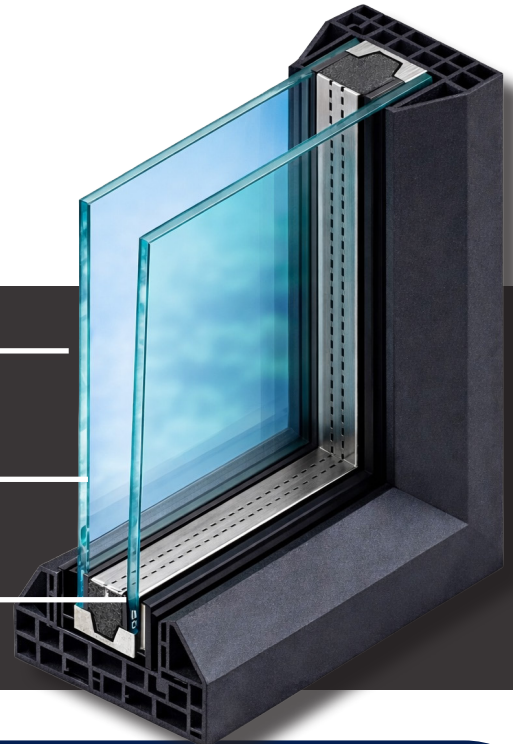
◀ ARGON FILL (100%) /
6 mm

Air Filled

◀ 3 mm Glass

Plane 2

Neutral Blue-Green Tint
(MODERATE REFLECTIVITY)



LUMINOUS FACTORS

Light transmission (TL %)	55%
Outdoor reflection (RLe %)	11%
Indoor (RLi %)	15 %

SOLAR FACTORS

SHGC	.26
RHG	49%
Shading Coefficient (SC)	.29

COLOR RENDERING

Transmission (Ra)	94.8
Reflection (Ra)	82.0

ACOUSTICS

Acoustic simulated values 32-35

ENERGY FACTORS

Transmission (Te)	37%
Reflection (Ree)	17%
Indoor (Rei)	12%
Absorption (AE1)	35%
Absorption (AE2)	

THERMAL TRANSMISSION

Ug - Winter	0.243 Btu/h.ft ² .°F
Ug - Summer	0.2715Btu/h.ft ² .°F
0° related to vertical position	

MANUFACTURING SIZES

Glass Thickness	2.3 mm (3/32")- 5 mm (13/64")
Maximum Dimensions	96" x 144"

**GUARDIAN®
CLIMAGUARD®**

Residential Glass Innovation

55/27



BRICK GLASS
A Tradition of Excellence



**GUARDIAN®
GLASS**

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