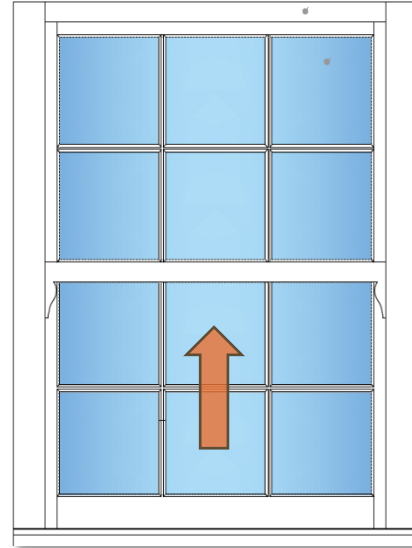


ARMORED SINGLE HUNG WINDOWS

BR4 / FB4 BALLISTIC (UL 3 EQUIVALENT)

Frame Width / Height	Custom to client
Recommend Rough Opening	Frame Size +1" width and +0.5" height
Frame Depth	6.75" standard depth
Operation	Bottom sash lifts up
Assembly	Window ships fully assembled and in frame

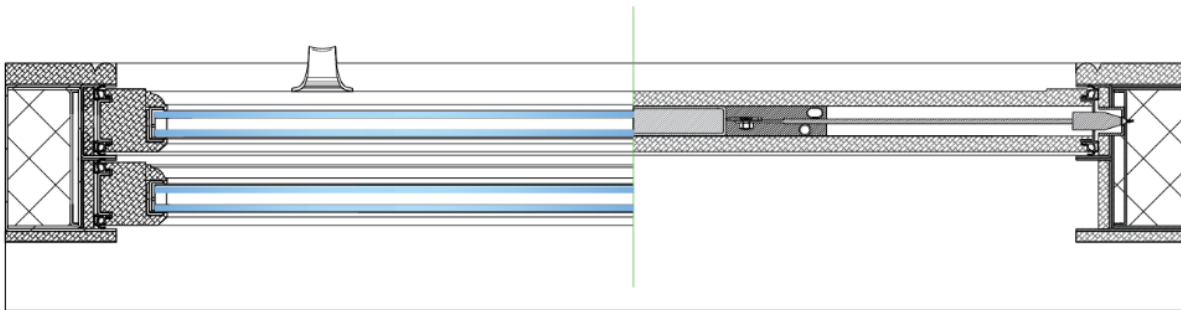


GLAZING INFORMATION

Security glass level	EN 1630 BR4 (UL Level 3 equivalent)
Security glass brand	ToughGlaze
IGU Layers	Ballistic glass, thermal gap, standard pane
Thermal gap filling	Argon
Ballistic glass type	Glass-clad polycarbonate
Thickness ballistic layer / entire IGU	26 mm / 35 mm
Weight of ballistic layer / entire IGU	10 lbs psf / 13 lbs psf (approximate)
Glass color/tint	Default clear; tint and frosting available
Spall	No spall allowed – spall shield
Additional Design	Surface applied, custom muntins

FRAMING INFORMATION

Structural material	Layered 1.5 mm mild steel and EN 1522 FB4 Ballistic Steel (UL Level 3 equivalent)
Steel Finish	Powder coated to RAL color of choice
Exterior frame/sash cladding	Medite Tricoya Extreme
Interior frame/sash cladding	Umidax
Exterior cladding finish	Paint-ready or factory painted
Interior Cladding Finish	Paint-ready or factory painted
Weathering	Includes gasketing between sashes
Frame Installation	Pre-attached, flexible installation tabs



MECHANICAL INFORMATION

Operability Style	Single hung (bottom sash lifts upwards)
Opening mechanism	Custom pulley and counterweight system
Locking system	Mottura 47 mortise lock with hook deadbolt. Rods connect to side bolts
Access control	Interior thumbturn unlocks window. Lift sash with attached pull tabs.
Sensor Options	Window position sensor (open/closed); lock system sensor (unlocked / locked); and shock sensors available.