

HIGH
PERFORMANCE
SOLUTION

FENSA
Registered Company



Glass & Glazing Federation Member



Official Police Security Initiative





HIGH PERFORMANCE SOLUTION

An effective and high performance solution - offering clean lines and advanced functionality for both new build and residential replacement applications. This window system is available in a range of configurations from Casement, tilt-before-turn and top-swing-reverse.

DESIGN FEATURES

- Certified under the Secured By Design scheme
- Tested to PAS 24
- Green guide rated A
- Integrated deep head profiles for ease of trickle ventilation
- Unique polamide thermal break design to improve thermal performance

OPTIONS

- 58mm frame depth
- Project in or project out options
- Internally or externally glazed to accommodate low and high rise projects
- Glazing 24mm - 40mm
- Available in a range of single or dual colour and anodised finishes
- Available for Lifetime Homes (LFT)

Size Limits

	CASEMENT	TBT	TSR
Top hung (max weight)	180kg	-	-
Tilt before turn (max weight)	-	100kg	-
Side hung (max weight)	55kg	100kg	-
Bottom hung (max weight)	60kg	-	-
Top swing (max weight)	-	-	60kg
Side swing (max weight)	-	-	45kg
Fixed light (max weight)	250kg	250kg	250kg



	CASEMENT	TBT	TSR
FRAME DEPTH	58mm	58mm	58mm
DUAL COLOUR OPTION	✓	✓	✓
MULTI-POINT LOCKING	✓	✓	✓
GLAZING OPTIONS	Internal and External Bead	Internal and External Bead	Internal Bead
GLAZING THICKNESS	24mm - 40mm	24mm - 40mm	24mm - 28mm
SIGHTLINE (FRAME TO VENT)	75mm	86mm	103mm
SIGHTLINE (VENT TO MULLION)	89mm	100mm	161mm
SIGHTLINE (FIXED LIGHT)	43mm	43mm	-

PERFORMANCE	CASEMENT	TBT	TSR
U-VALUE (DOUBLE GLAZING)	1.4 W/m²K	1.5 W/m²K	1.7 W/m²K
U-VALUE (TRIPLE GLAZING)	1.2 W/m²K	1.3 W/m²K	-
WINDOW ENERGY RATING	B - C	B - C	-
GREEN GUIDE RATING	A Rated	A Rated	A Rated
ACOUSTIC PERFORMANCE	Rw (C;Ctr) 42 (-1;-5) dB	Rw (C;Ctr) 44 (-1;-4) dB	-
AIR TIGHTNESS	Class 4	Class 4	Class 4
WATER TIGHTNESS	Class 9A	Class 9A	Class 9A
WIND LOAD	Class E2400	Class E2400	Class A5
SECURITY	PAS 24	PAS 24	PAS 24
3RD PARTY CERTIFICATION	Q-mark	Q-mark	Q-mark
SECURED BY DESIGN	Yes	Yes	Yes