

HIGH
PERFORMANCE
SOLUTION



Glass & Glazing Federation Member



Official Police Security Initiative

Arkay Windows is a specialist large-scale fabricator with over 30 years experience based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

 **Arkay Windows**

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 **Arkay Windows**



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/m ² K	1.5 W/m ² K	1.7 W/m ² K
U-VALUE (TRIPLE GLAZING)	1.2 W/m ² K	1.3 W/m ² K	-
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