

Optio

58BW Window System

Built to the highest UK standards, our 58BW window system is an effective and high performance solution that offers clean lines and advanced functionality for both new build and residential replacement applications. The 58BW 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 polyamide thermal break design to improve thermal performance
- › TBT Sightlines match the casement window
- › TSR has a clean, flat appearance to give a true contemporary aesthetic
- › TSR design allows the windows to be pivoted without intruding the internal building line



› Ovolo



› Chamfered



› Square

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 in the following aesthetics: Bay, Chamfered, Square, Ovolo, stepped edge and Putty Line
- › Available in the following configurations: top hung, side hung, bottom hung, fixed light, multi-light, french casement and tilt before turn
- › Available for Lifetime Homes (LFT)
- › Double beaded option allowing for internal glazing without the use of dummy vents
- › Dedicated fixing straps for ease of installation
- › Designed with a Euro groove to accommodate standard locking hardware
- › Accommodates standard hardware

Performance and accreditation	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 (WER)	B - C	B - C	-
Green guide rating	A rated	A rated	A rated
Acoustic performance (dB)	Rw (C;Ctr) 42 (-1;-5) dB	Rw (C;Ctr) 44 (-1;-4) dB	-
Air tightness (Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)	Class 4 (600 Pa)
Water tightness (Pa)	Class 9A (600 Pa)	Class 8A (450 Pa)	Class 6A (250 Pa)
Wind load (Pa)	Class E2400 (2400 Pa)	Class E2400 (2400 Pa)	Class A5 (2000 Pa)
Security	PAS 24	PAS 24	PAS 24
3rd party certification	Q-mark	Q-mark	Q-mark
Secured by design	Yes	Yes	Yes

Configurations

	Open out	Open out	Open out
Opening	Open out	Open out	Open out
Tilt before turn	-	✓	-
Top hung	✓	-	-
Side hung	✓	✓	-
Bottom hung	✓	-	-
Fixed light	✓	✓	✓
Multi-light	✓	✓	✓
Top swing	-	-	✓
Side swing	-	-	✓
French casement	✓	-	-

Size limits

Top hung (max weight)	180 Kg	-	-
Tilt before turn (max weight)	-	100 Kg	-
Side hung (max weight)	55 Kg	100 Kg	-
Bottom hung (max weight)	60 Kg (3 hinges)	-	-
Top swing (max weight)	-	-	60 Kg
Side swing (max weight)	-	-	45 Kg
Fixed light (max weight)	250 Kg	250 Kg	250 Kg

System features

Frame depth	58mm	58mm	58mm
Dual colour option	✓	✓	✓
Multi-point locking	✓	✓	✓
Glazing options	Internal and external bead	Internal and external bead	Internal
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	-

Aesthetics

Bay	✓	✓	✓
Contemporary	-	✓	✓
Chamfered	✓	-	-
Square	✓	✓	✓
Ovolo	✓	-	-

T&C For full T&C's please see the trade residential brochure.



› 58mm Casement



› 58mm TBT

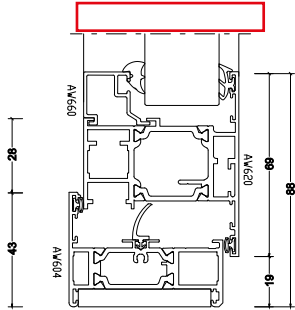


› 58mm TSR

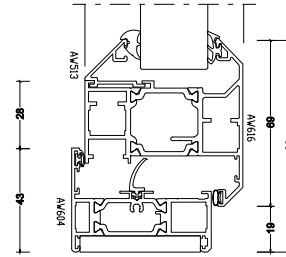
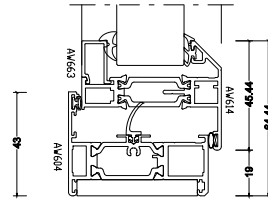
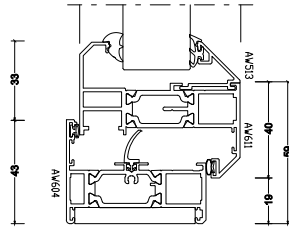
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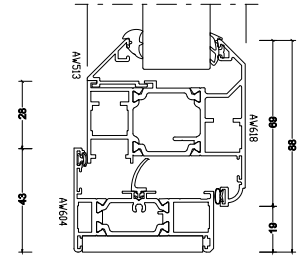
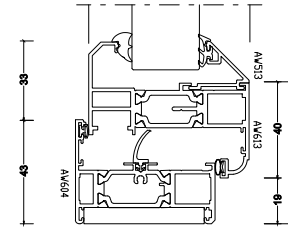
➤ **Optio 58BW**
58mm Light Commercial



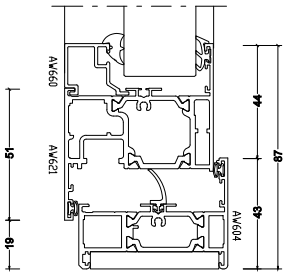
➤ **Optio 58BW**
58mm New Build – Chamfered



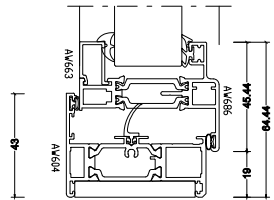
➤ **Optio 58BW**
58mm New Build – Ovolo



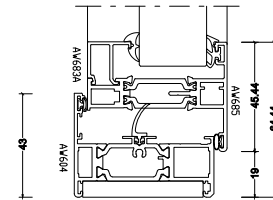
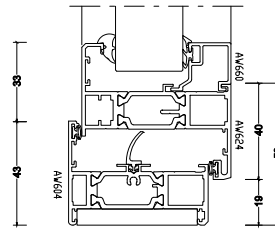
➤ **Optio 58BW**
58mm Light Commercial TBT



➤ **Optio 58BW**
58mm Heritage Industrial



➤ **Optio 58BW**
58mm New Build – Square



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