

Horizontal Sliding

Series 80: Heavy duty framing system in 2 and 3 pane options for very large windows. 2 and 3 pane versions accredited to Secured by Design.

An ideal solution for large windows and doors, that needs to be both robust and discreet. The frames accommodate thicker glass and can be fitted with a secure locking system.

Ranges

10 SLIMLINE 10 (HS)

[\(/products/series10-slimline-horizontal-sliding\)](#)

15 MID-RANGE 15 (HS)

[\(/products/series15-mid-range-horizontal-sliding\)](#)

80 HEAVY DUTY 80 (HS)

[\(/products/series80-heavy-duty-horizontal-sliding\)](#)

[\(/products/series85-security-horizontal-sliding\)]((/products/series85-security-horizontal-sliding)).

SERIES 80 HEAVY DUTY

A heavy duty horizontal sliding system designed to treat large windows and doors. Thicker glass specifications will provide higher levels of noise insulation and when fitted with a robust lock option the system achieves Secured by Design accreditation.

GLAZING RANGE

6 mm to 12.8 mm

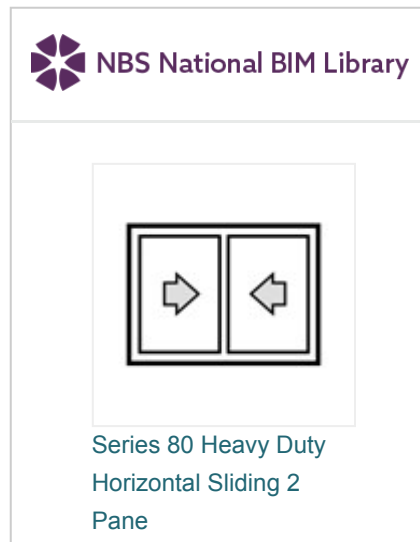
FRAME FINISHES

Standard white (HIPCA semi- gloss).

Any standard powder paint, wood grain or anodised finish to order.

Recommended maximum frame sizes (mm)

	H	W
2 PANE	2800	3600
3 PANE	2800	5400





Performance

Styles and Details

Ironmongery

Warmer

A Series 80 window will reduce heat loss by up to 50% using standard glass and up to 65% with a thermally efficient glass (low-E). High performance brush seals will almost eliminate drafts and ensure much greater comfort near the window.

The effectiveness of the insulation is measured by U-values, the lower the figure the better the insulation.

INSULATION (U-VALUE) CALCULATED IN COMBINATION WITH A PRIMARY WINDOW AT BRFC SAMPLE SIZE OF 1430 X 1230MM

GLASS	METAL PRIMARY WINDOW	TIMBER PRIMARY WINDOW
6 - 12mm	2.92 W/m2K	2.64 W/m2K
6 - 12mm low-E	1.94 W/m2K	1.81 W/m2K

Quieter

A Series 80 window set 100mm apart from the existing window will reduce noise levels by more than 44dB (decibels). This can achieve World Health Organisation guidelines for quiet living and working environments even in quite challenging noise environments.

NOISE INSULATION MEASURED IN COMBINATION WITH A PRIMARY WINDOW

GLASS	50MM CAVITY	100MM CAVITY	200MM CAVITY
6 - 6.4mm	40 dB (Rw)	44 dB (Rw)	46 dB (Rw)
6.8 - 7.5mm	41 dB (Rw)	45 dB (Rw)	47 dB (Rw)
8 - 10mm	42 dB (Rw)	46 dB (Rw)	48 dB (Rw)

10.8 - 12mm	43 dB (Rw)	47 dB (Rw)	49 dB (Rw)
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Safer

The Series 80 system in two or three pane configurations and fitted with a concealed and secure multi-point locking system is a Police Preferred Specification under the Secured by Design initiative. Higher levels of intruder protection are achieved by using thicker anti-bandit laminate glass. This system will also provide more significant levels of blast protection.

SECURITY PERFORMANCE (MAXIMUM ACHIEVABLE, CONTACT SELECTAGLAZE FOR SPECIFICATION REQUIREMENTS)

	TEST STANDARD
INTRUDER	Secured by Design (accredited police preferred product)
BLAST	ISO 16933 EXV 33 (2HS and 3HS only)
BALLISTIC	N/A
FIRE	N/A

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