

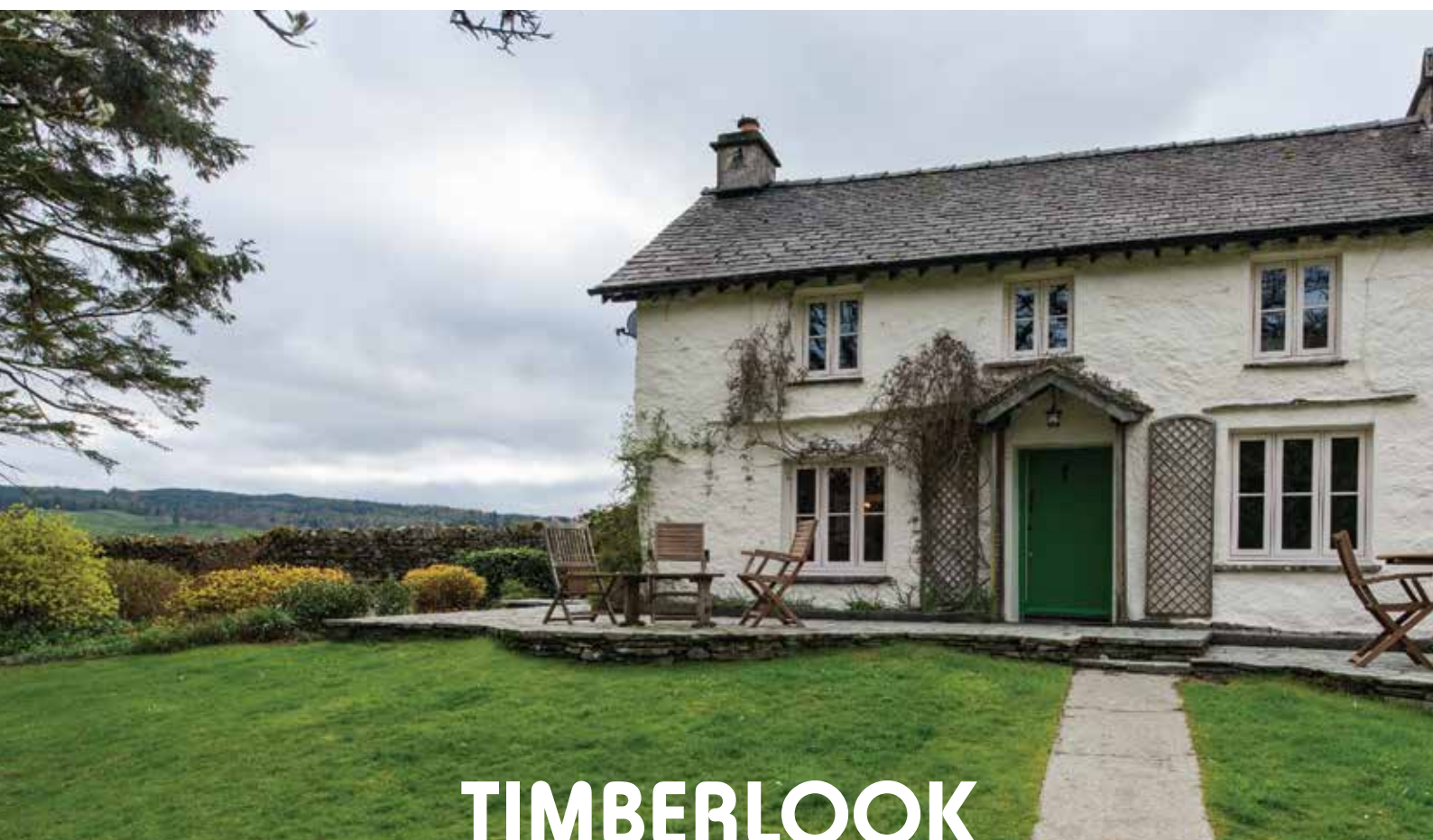
UPVC FLUSH CASEMENT WINDOWS & DOORS

CROSS SECTION DRAWINGS, DESIGN DETAILS AND SPECIFICATIONS

NEW! SLIMMER SASH PROFILE & SLIMMER ASTRAGAL BAR

VERSION 5.1 (NOVEMBER 2022)

A DESIGN GUIDE FOR SPECIFIERS AND CONSERVATION OFFICERS



TIMBERLOOK
FLUSH SASH
— HERITAGE WINDOWS —

www.timberlook.com

The *Timberlook Design Guide* is intended for use by conservation officers and specifiers, but it contains cross-section drawings and technical information that will help designers and buyers to better understand the dimensions and details that create the Heritage Flush Sash Window.



Timberlook windows have been specifically designed with a slimmer sash profile to accurately mimic heritage timber frame sections. It features a traditional chamfer on the outside, with a fully sculptured ovolo detail internally.

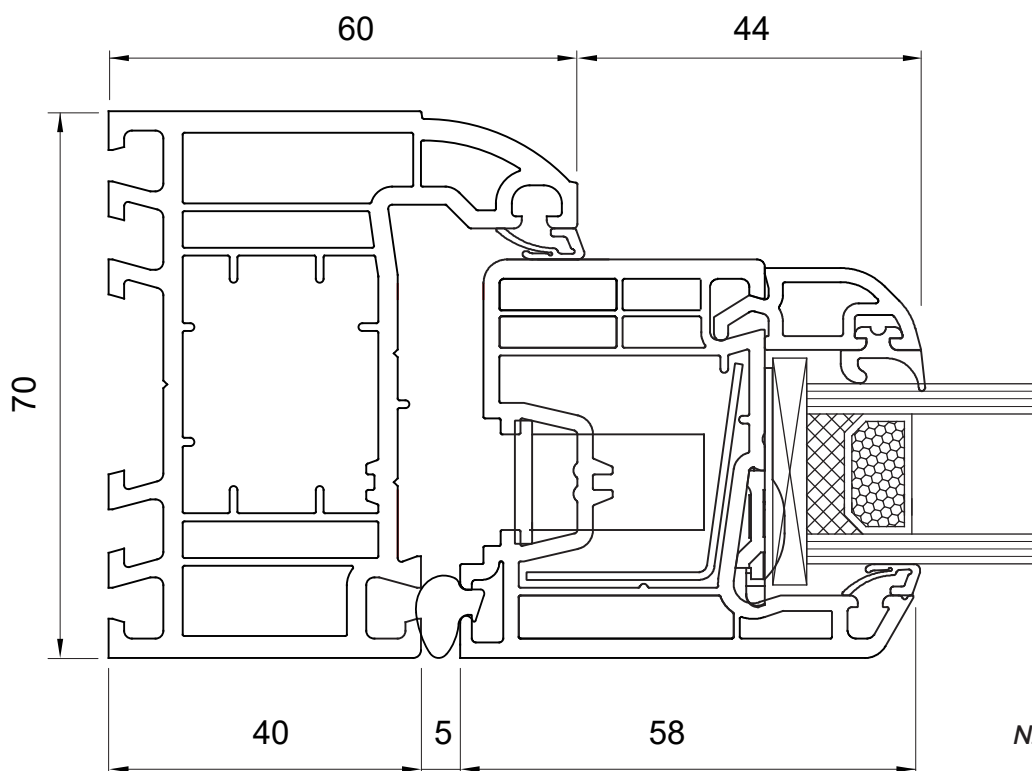
Great care has been taken in choosing authentic ancillaries, including slimmer external astragal glazing bars, an optional deeper bottom sash rail, and an optional deeper cill design (*The Radlington*) which copies the style of a timber 'block' cill.

All window frames are mechanically joined with a '*butt-joint*' appearance on the sash, transoms, mullions, and outer-frame. This mortise and tenon style detail finalises the Heritage Flush Sash, creating an aesthetic that is as close to a traditional timber window frame as possible.



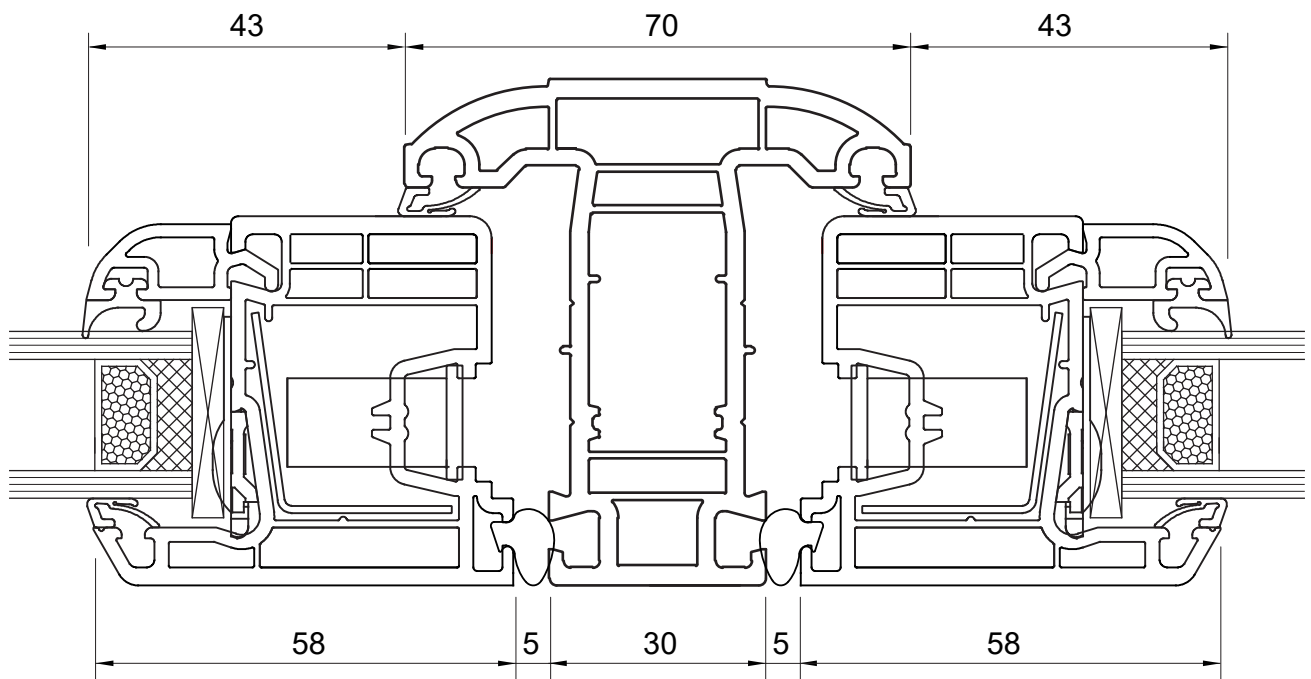
OPENING SASH AND OUTER FRAME

Applies to head, cill and both sides



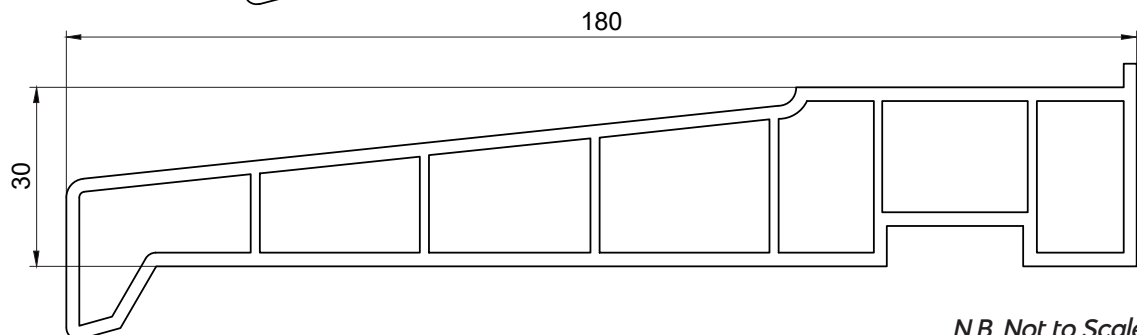
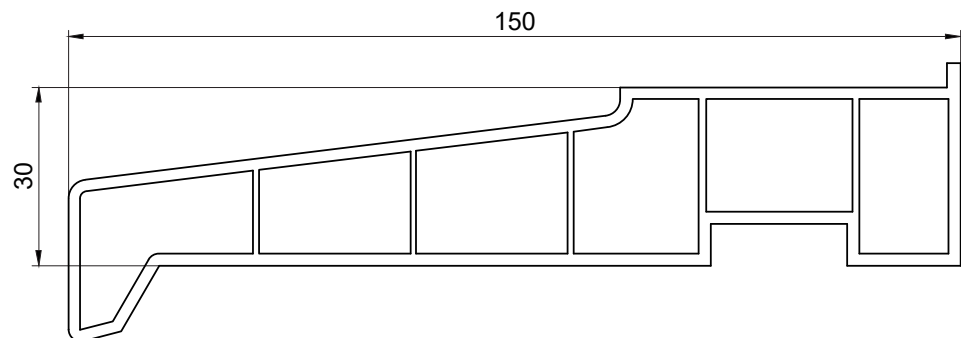
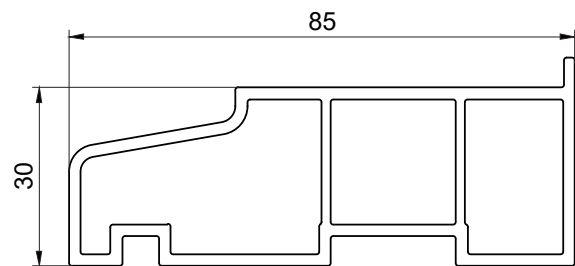
N.B. Not to Scale

TRANSOM AND MULLION



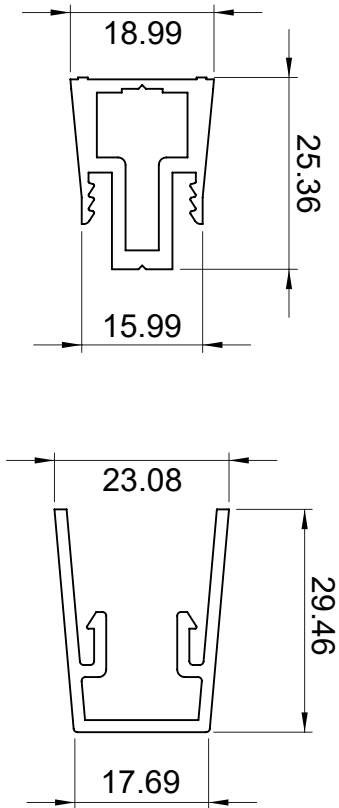
EXTERNAL CILLS

- *STUB 85MM*
- *150MM*
- *180MM*

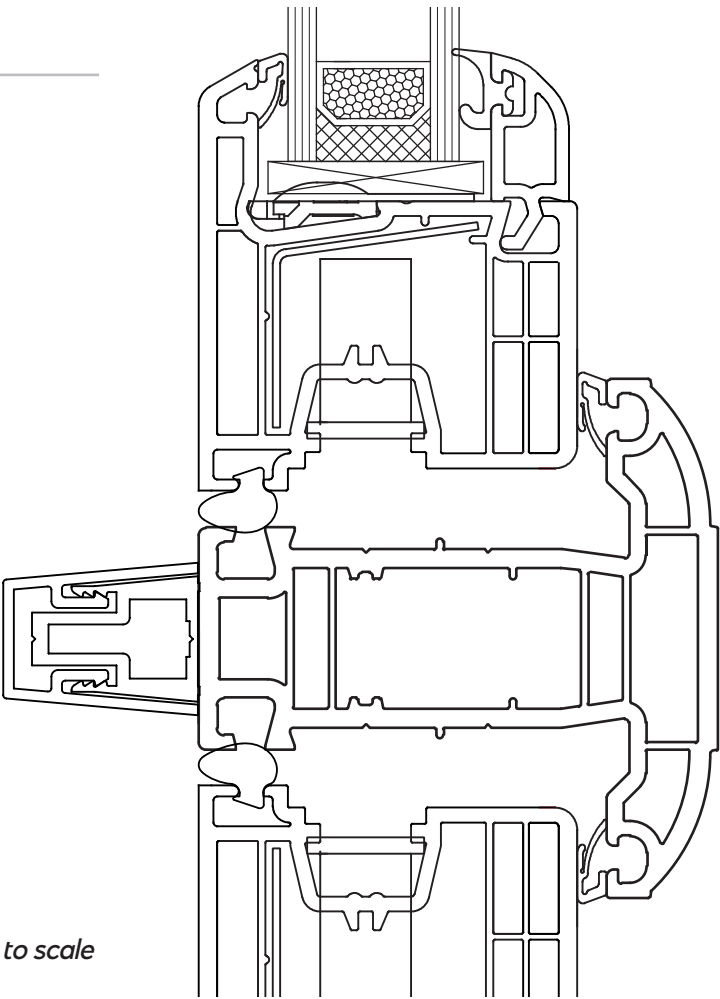


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TRANSOM WEATHER BAR



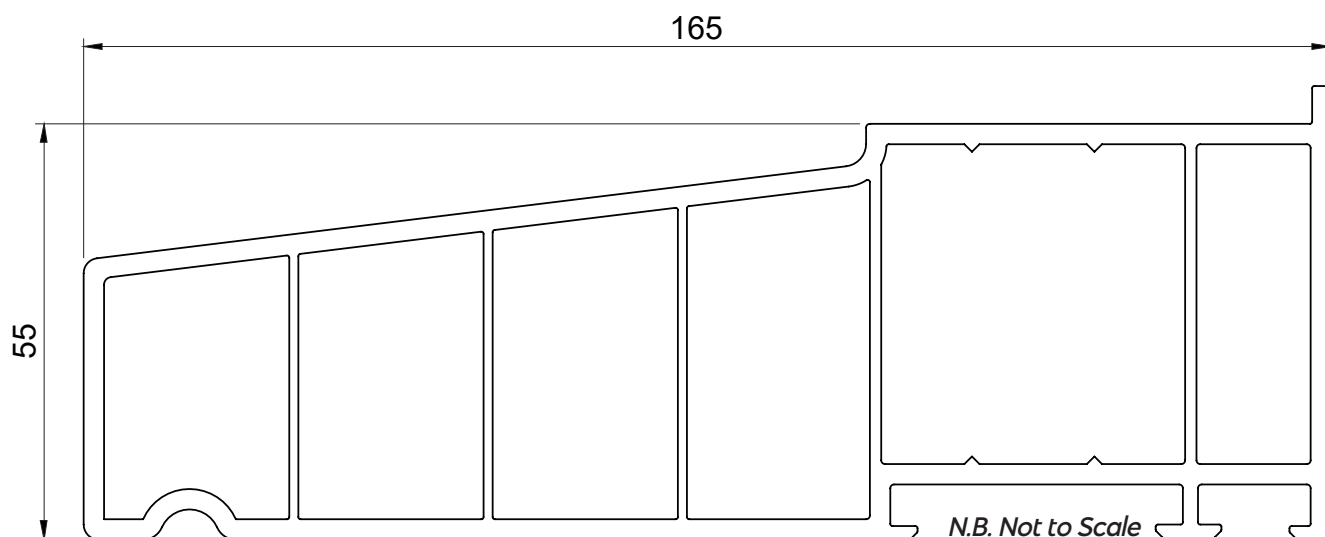
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THE RADLINGTON CILL

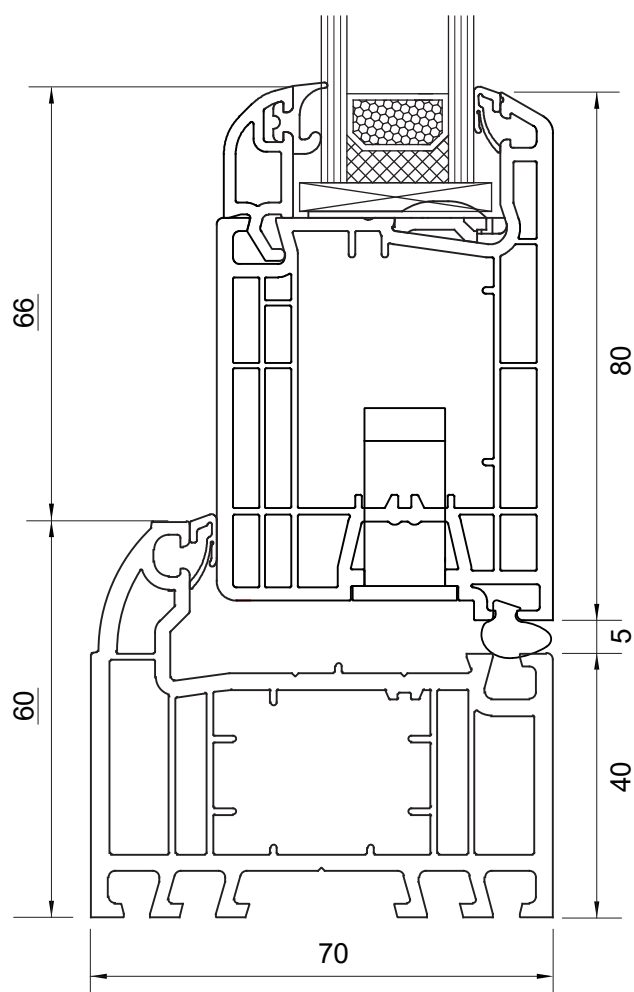
(Optional Addition)

The Radlington Cill is a modern interpretation of the timber cills found on older wooden windows. It is a deeper nosed cill with a height of 55mm and represents a superior aesthetic upgrade over standard cill options. It is an optional extra and The Radlington must be specified when seeking a project estimate.



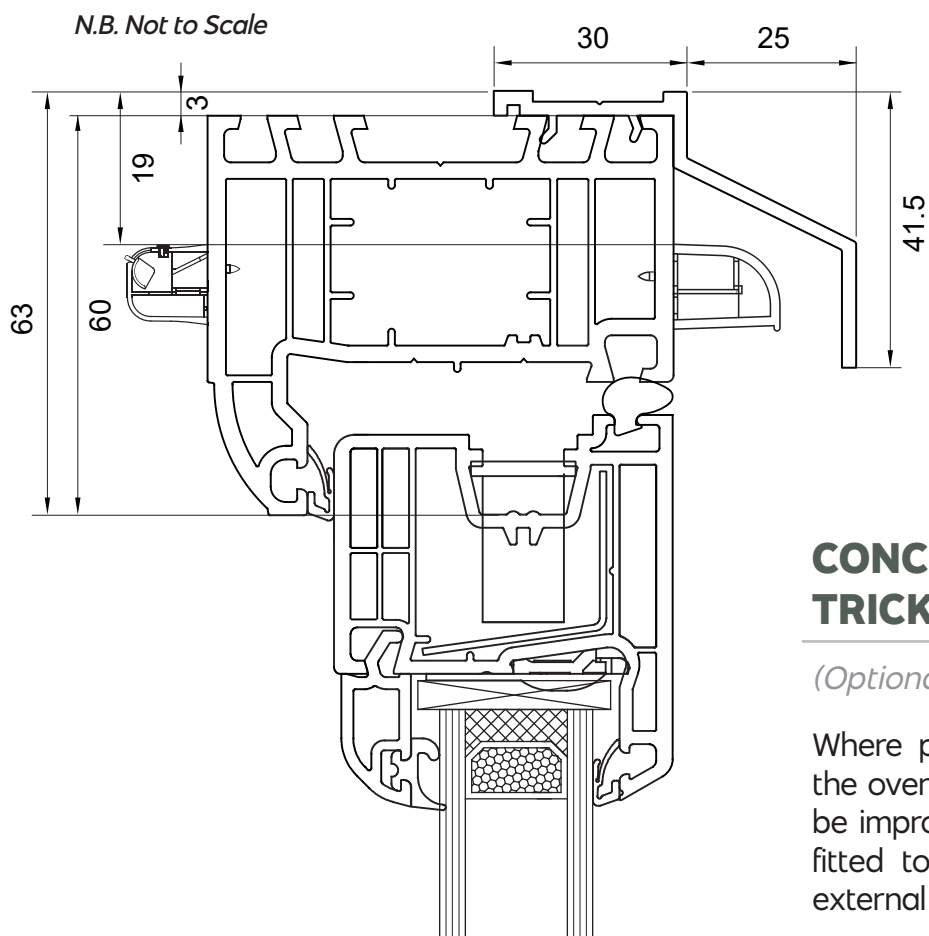
DEEP BOTTOM RAIL

(Optional Addition)



N.B. Not to Scale





CONCEALED TRICKLE VENTILATION

(Optional Addition)

Where projects require trickle ventilation, the overall appearance of the window can be improved with an additional head drip, fitted to the outerframe, to conceal the external vent covers.

DOCUMENT Q AND PAS 24

Timberlook windows can be specified to the latest **Document Q** standards and have also passed independent testing to gain **PAS24 certification** with uprated glass and hardware.

BFRC Rating =	
218.6g _{window} - 68.5 x (U _{window} + Effective L ₅₀) =	1.79
Climate zone is:	UK

Thermal transmittance, W/(m ² ·K)	U _{window}	1.4
Solar factor	g _{window}	0.45
Window air leakage heat loss, W/(m ² ·K)	L _{factor}	0.01

(Specify uprated glass/hardware when ordering.)

BFRC Rating kWh/(m ² ·yr)	Label index	EWER Rating Scale	Window Rating
≥10	2	A+	A
0 to <10 ⇐		⇒ A ⇐	
-10 to <0		B	
-20 to <-10		C	
-30 to <-20		D	
-50 to <-30		E	
-70 to <-50		F	

COLOURS & FINISHES

Available on one or both sides, Timberlook offer a range of colours & textured woodgrain foils. The lead time for manufacture varies between colours:

S - STANDARD
LEAD TIME
E - EXTENDED
LEAD TIME

COLOUR INSIDE	White	Polar White	Black Foil	Irish Oak	Anthracite Foil	Smooth Anthracite	Chartwell Green	Cream Foil	Rosewood	Painswick	Golden Oak (E)	
	S	S	S	E	S	S	S	S	S	S	S	White
	n/a	S	E	E	E	E	E	E	E	S	E	Polar White
	n/a	n/a	E	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Black Foil
	n/a	n/a	n/a	E	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Irish Oak
	n/a	n/a	n/a	n/a	S	n/a	n/a	n/a	n/a	n/a	n/a	Anthracite Foil
	n/a	n/a	n/a	n/a	n/a	S	n/a	n/a	n/a	n/a	n/a	Smooth Anthracite
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Chartwell Green
	n/a	n/a	n/a	n/a	n/a	n/a	S	n/a	n/a	n/a	n/a	Cream Foil
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	S	n/a	n/a	n/a	Rosewood
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	S	n/a	n/a	Painswick
	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	E	n/a	Golden Oak (E)
COLOUR OUTSIDE												

White	Anthracite (WOODGRAIN)
Polar White	Anthracite (SMOOTH)
Cream Foil	Black Foil
Irish Oak	Chartwell Green
Golden Oak	
Rosewood	Painswick

HARDWARE & ACCESSORIES

Standard Handles

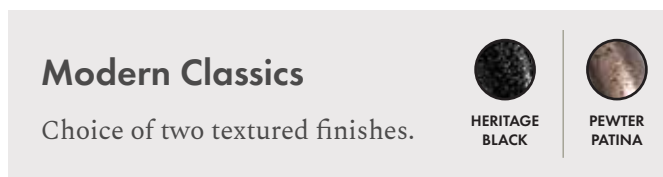
Timberlook windows and doors are supplied with modern handles as standard – they are available in a selection of popular finishes:



Premium Regency Handles

(Optional Addition)

We also offer a range of traditional hardware to enhance the heritage aesthetic of Timberlook Windows. These **Premium Regency** handles feature timeless designs that complement the Flush Sash windows while remaining practical, secure, and easy to use.





TIMBERLOOK FLUSH SASH

Timberlook Flush Sash Windows and Doors are an ideal choice for anybody undertaking renovation or conservation projects, new build homes, or simply replacing windows.

Our flush sash window system replicates traditional wooden windows in modern uPVC and features an authentic looking 'butt joint' mortise and tenon joining system. It was developed for period, character, and historic projects, but is a suitable alternative for modern and new build developments in conservation areas too.

Our energy-efficient and maintenance-free flush casement windows are designed for modern living. Timberlook can be specified to Document Q, and is certified to PAS24 with uprated glass and hardware. Installations are made faster, easier, and safer than with other flush systems - it has a 70mm frame depth and glass units are supplied separately.

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