

Specification & Examples of High Performance Triple Glazed Viking Windows and Doors as proposed @ 3 St Aldwyn's Road, Didsbury. M20 3JF

The current UPVC windows installed at 3 St Aldwyn's Road are completely incongruous to their surroundings. Certainly the 2nd generation of plastic windows to be installed, possibly the 4th maybe the 5th generation of windows installed to date. What we are proposing is a timber window far more in keeping with the period property with a maintenance free finish which ensures the fenestration is aesthetically correct, time preserved, thermally efficient, encapsulated into the updated fabric whilst vastly exceeding the current building regulations.

Current Photograph



Proposed High performance Specification

Standard Configuration



SAFETY



PASSIVE
HOUSE

Additional Options



SOUND
INSULATION
GLASSES



SUN
PROTECTION



PAS24
SOLUTION



NEAR ZERO
ENERGY
HOME

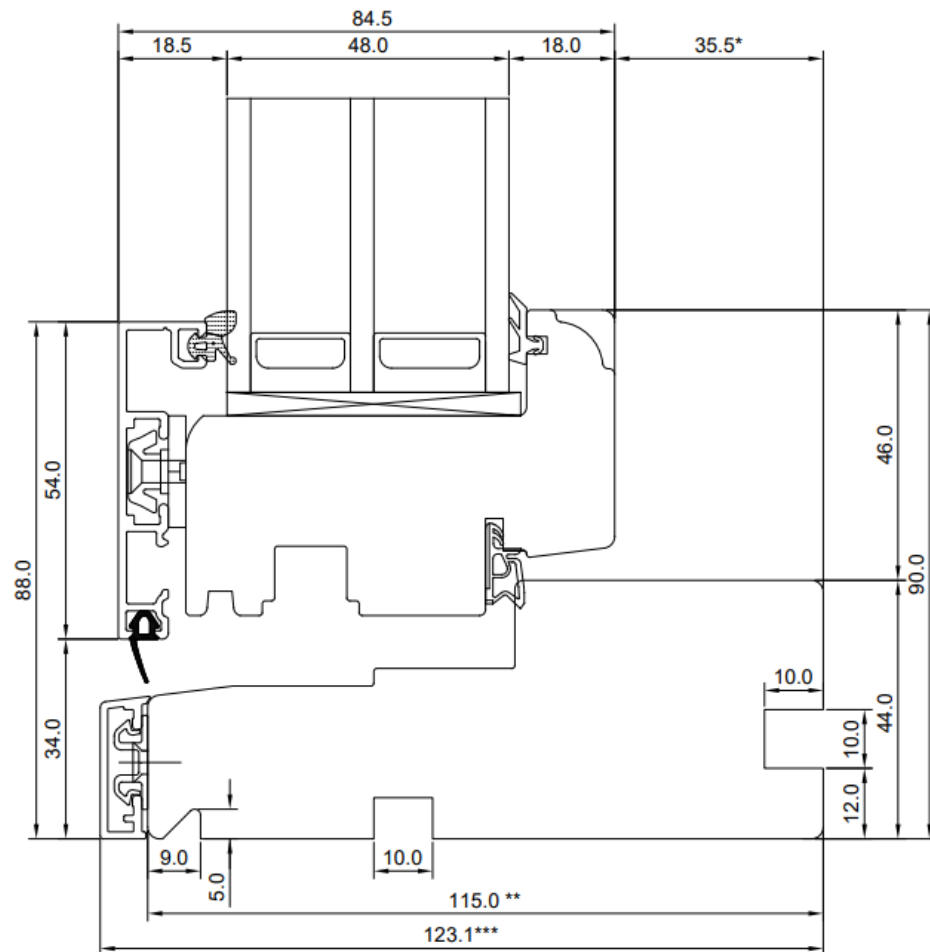
Note: U-value (0.60 – 1.2) indicates thermal transmittance of window. Smaller value equals better thermal insulation.

SW17 aluclad window is a modern Nordic design for zero energy homes: outward opening window, with slim profiles ensures excellent energy efficiency and broad view. With 3-glazing and two sash gaskets U-value $U_w = 0,75 \text{ Wm}^2\text{K}$ is achieved.

Aluminium cladding on the external face of the window ensures enhanced weather resistance and durability. SW17 window design comes with variable timber frame depth to meet better different wall constructions and installation situations. If more traditional internal desing is a criteria, one can choose so called country style profiles.



Aluminium Cladding	Optional external alu cladding
Glazing	48 mm 3-glazing, two LowE glasses, argon filled
Frame Depth	Variable: 92...120 mm (94 - 122 mm with alucladding)
Sound Insulation	Rw = 34 dB (-1;-5) - standard glazing
Material of Sash and Frame	Glue-lam pine; quality class A1-A3
Number of sash gaskets	2 sash gaskets
Color of sash gaskets	White, grey, brown
Thermal transmittance	Uw = 0,75 W/m²K; (1,23 x 1,48 m opening standard window)
Hardware	ASSA or ROTO hinges; Ipa, Fix või Mila espagnolette; Fix or Hoppe handle
Security	PAS24 solution option
Air tightness	Class 4 (600 Pa)
Water tightness	Class E1500 (1500 Pa)



SW17 aluclad window (3-glazing) - Viking Window AS

Examples of local examples



























