



WINDOW

SAPA 1086/SX/PX

HIGH INSULATED AND INWARD-OPENING WINDOWS WITH LOW U_w -VALUE

SAPA Window 1086 is a high insulated window system with low U_w -value and performance down to passive house level. The system is based on a solid construction and offers good sound reduction.

Performance

- SAPA Window 1086 is inward opening and is based on a stable construction with 86 mm deep profiles.
- It is basic insulated with 42 mm fiberglass-reinforced polyamide strips and can withstand the highest class of air and rain tightness and very low U_w -value.
- For optimal energy performance, it can be supplemented with unique insulation strips in a highly insulated SX design or in the passive house level in the PX design.
- 1086 and 1086 SX rebate for glass 20–64 mm, 1086 PX rebate for glass 35–55 mm.
- The window can be easily combined with Glazed Element 3086.

Thermal performance

- U_w -value down to 0,8 W/m²K (PX, openable, $U_g = 0,5$ W/m²K, dimension W 1230 x H 1480 mm).

Sealing performance

- Air permeability: class 4 according to EN 12207.
- Water tightness: up to class E900 according to EN 12208.
- Resistance to wind load: class C3 according to EN 12210.
- Sound reduction: up to R_w 45 dB

Thermal performance: as low as 0,8 W/m²K (PX, openable, $U_g = 0,5$ W/m²K, dimension W 1230 x H 1480 mm)
Air permeability: class 4 according to EN 12207
Water tightness: up to class E900 according to EN 12208
Wind load: class C3 according to EN 12210
Safety: up to class RC3 according EN 1627
Infill thickness: 1086 and 1086 SX: 20–64 mm, 1086 PX: 35–55 mm
Maximal sash weight: 200 kg

Safety

- Inward opening and fixed windows, burglar protection class RC2 according to EN 1627.
- Fixed windows, burglar protection class RC3 according to EN 1627.

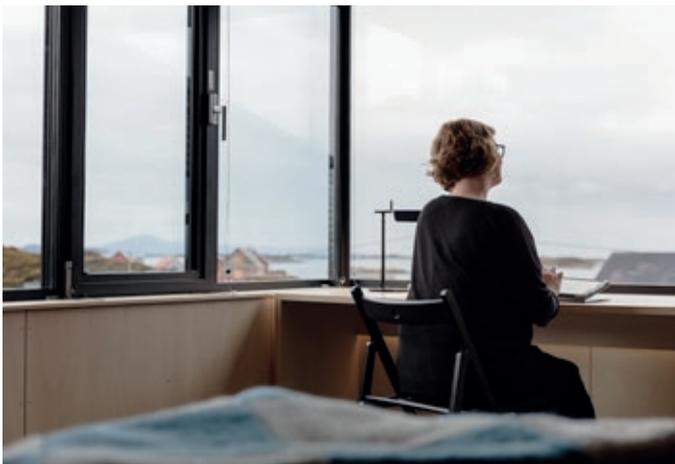
Design

- As single window, double sash window and as a combination with openable and fixed window.
- Fittings: side-, bottom-, top- or side- and bottom hung.
- Hinges: hidden or visible.

Low carbon footprint

SAPA 1086 is made from Hydro CIRCAL, recycled low carbon aluminium. That means it's high quality aluminium made with a minimum of 75% recycled end-of-life aluminium (post-consumer scrap). Hydro CIRCAL has a carbon footprint of 2.3 kg of CO₂/kg of aluminium on average.





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