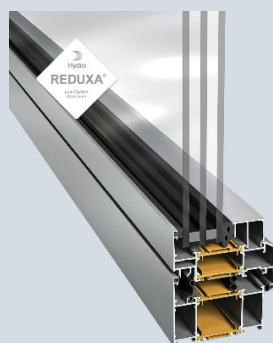




Hansen



Window system

SAPA 1086

Sapa Window 1086 has a strong design based on 86 mm deep profiles. It is insulated with 42 mm glass-fibre-reinforced polyamide strips and meets the highest classes of airtightness and watertightness, and has a very low U-value. To maximize energy performance it can be fitted with special insulation strips to meet super-insulated (SX) specification or Passive House (PX) specification.

| | |
|-----------------------------------|--|
| Design: | Available as fixed, inward-opening and outward-opening window with optional concealed hinges. |
| Variants: | 1086 WINDOWS: <ul style="list-style-type: none">- 1086 (inward and outward opening)- 1086 SX (inward)- 1086 PX (inward) |
| Depth of frame | 86mm |
| Depth of sash | 95,5mm |
| Glazing range | 20-64mm (1086, 1086 SX) 35-55mm (1086 PX) |
| Max. weight of sash | 130kg (visible hinges)/150kg (hidden hinges)/100kg (outward window) |
| Max/min dimensions of sash | 1600x2400mm/500x600mm (visible hinges) 1600x2000mm/480x600mm (hidden hinges) for turn and tilt inward window 800x1900mm/700x550mm for turn outward window 1900x800m/550x700mm for tilt outward window |
| Air permeability: | Class 4 according to EN 12207 (600 Pa) |
| Water tightness: | Class 9A according to EN 12208 |
| Wind load classification: | Class C3 according to EN12210 |
| Burglar resistant | Class RC2 according to EN 1627 (apart outward window) |

Examples of heat transfer coefficients Uw

| Window scheme | Cross section | Value Uw [W/m ² K] | | |
|---------------|---------------|------------------------------------|--------|------|
| | | 3-layer glass with black warm edge | | |
| | | Ug=0,7 | Ug=0,5 | |
| | 1086 | | 1,0 | 0,9 |
| | | | 1,2 | 1,1 |
| | | | 1,2 | 1,1 |
| | 1086 SX | | 0,88 | 0,73 |
| | | | 1,0 | 0,9 |
| | | | - | 0,71 |

