

Skaala HASF-10, fixed window

Thermal transmittance (of window) U, (W/m²K)

U_w = 0,95 (HASF131-10)

U_w = 0,97 (HASF115-10)

Total solar transmittance of glass

g_g = 0,53 (HASF115-10, HASF131-10)

Total solar transmittance of window

g_w = 0,45 (HASF115-10, HASF131-10)

Light transmittance (%)

LT = 71 (HASF115-10, HASF131-10)

Product Family Skaala Scandic

Window type

Fixed aluminium clad timber window, triple glass unit, frame depth 115mm, alternatively 131mm. The frame with modern, straight lined profile.

Materials

Painted windows: Frame finger jointed made from Nordic Redwood, all visible surfaces knotless, on the back side of the frame small singular knots are allowed.

Stained windows: Frame made from Nordic Redwood, all visible surfaces knotless, on the back side of the frame small singular knots are allowed.

Aluminium cladding: The outer glazing bead and outer cladding of frame powder coated aluminium.

Maximum and minimum sizes

Minimum width and height of single light window 340 mm and maximum width and height of single light window 2800 mm. Either the width or height of the window must always be less than 2500mm. Maximum width and height of the frame is 3000 mm, however maximum area of frame is 6 m².

Glazing

As standard glazing triple IG-unit with SuperSpacer, argon gas. In HASF-10 product has one Low-E glass. Glazing with silicone and with outer aluminium frame. Mild green tint of the glazing is a normal characteristic of the product. Intensity depends on the number of glass panes and the structure of the product. Energy values are defined with standard glazing.

Weather-stripping

Between the aluminium glazing frame and the IG-unit TPE-weather-strip.

Surface treatment types:

Painting (VM)

Base coating with polyurethane paint, surface painting with water based paint. Manufacturing process of the billet structures with know and defect removal gives an excellent base for surface treatment. Painting is processed as a manually spray painting procedure with high pressure. Painting is carried out with separated parts before the assembly. Due to the procedure all grooves and frame ends have a clean finish as well. Standard colour: white (NCS S 0502-Y)

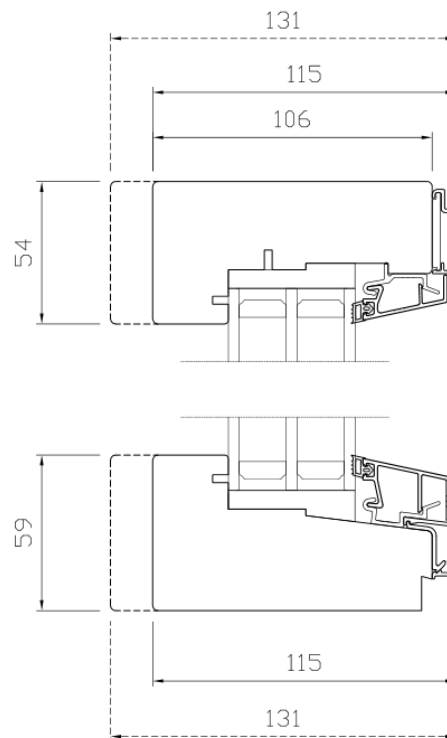
Staining and lacquering (KL)

1x coat of translucent stain + inner part of frame lacquered

Base coat (SK)

Base coating with colourless wood protective liquid.

Notification for stain coloured products



The characteristics of the timber material used in the manufacturing process may have a little variation depending on the growth location, growing process/speed, felling seasons, lengths of storage and lengths of drying period. Due to this the absorption of the material used in the staining process may vary causing gentle colour fluctuation between different products and even between different areas of the same product. For the same reason the final colours of products may slightly differ from the colours presented in colour maps.

Astragals

PIR30A, PIR60A= clip-on astragals to outer surface, fixed with lock-on systems
POB15, POB30 = plant on bars glued onto the glazing from both sides.

Accessories (optional)

Venetian blinds on inner surface (with control wires).

Trickle ventilators supplied loose.

Groove for internal jamb (only for 131 mm frame depth)

Condensation of the outermost glass surface of the outer glazing in windows with good insulating qualities

In certain times during a year when the humidity is high the windows can gather condensation on the outermost glass surface of the glazing. Other than the weather conditions, condensation may also be caused by the architectural design of the building (e.g. roof structure), compass directions and surrounding plants. Condensation is either a cause of a low temperature inside the building or a good insulation of the window. Thermal radiation from the inside is not enough to keep the glass dry. Condensation is not harmful and does not damage the window. Skaala FrostFree structure will solve this problem. However, because this is a normal natural phenomenon, it might occur in some conditions also in FrostFree windows.