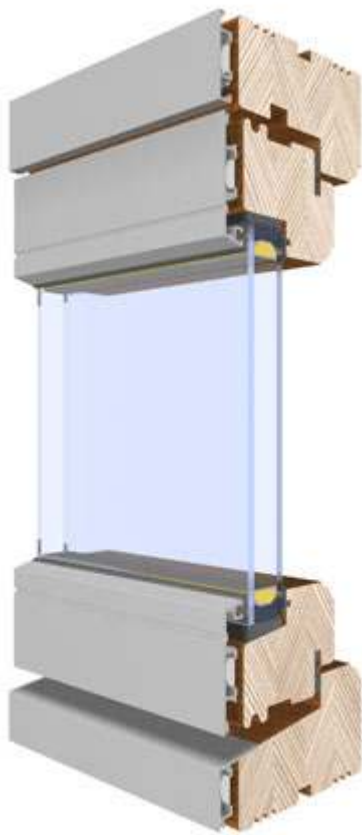




Summary sheet for “Polar” flush timber casement and hybrid window



“Polar” is a versatile CE approved Polish made timber flush casement window system with optional aluminium cladding.

Double or triple (3G) glazing allow U values as low as 0.9 W/m²K

Optional mouldings and bars adapt the window to suit period or modern homes.

The Polar system includes bifold and sliding (lift/slide) doors.

For further information call Tim Regan on 07899 021898.



Technical details and options for "Polar" flush casement

- ✓ Internally or externally beaded
- ✓ CE approved
- ✓ Double or triple glazed
- ✓ Drained and vented
- ✓ 100mm frame and sash
- ✓ Laminated knot free timber
- ✓ Window U value as low as 1.0

Performance

Air permeability 600Pa Class 4
Watertightness class E750

Gaskets

Single gasket Q-LON 3053 supplied by Schlegel.
Glass gaskets: both sides black 3 mm gasket supplied by Deventer.

Hardware

Supplied by IPA Denmark

Glazing

Double-glazing, single-chamber (4-18Ar-4), 26 mm unit, the heat transfer coefficient $U_g = 1.0 \text{ W / m}^2\text{C}$ (BS EN-674), inter-pane cavity filled with argon.

Triple-glazing, twin-chamber (4-10Ar-4-10Ar-4), 32 mm unit, the heat transfer coefficient $U_g = 0.8 \text{ W / m}^2\text{K}$ (EN-PN 674), inter-pane cavity filled with argon.

Triple-glazing, twin-chamber (4-4-10Kr 10Kr-4), 32mm unit, the heat transfer coefficient $U_g = 0.6 \text{ W / m}^2\text{K}$ (EN-PN 674), inter-pane cavity filled with krypton.

Insulation

Sound reduction for the standard unit $R_w = 31 \text{ dB}$. Up to 42dB possible.

Frame options

Internal frame with ovolo as shown or squared (simple pencil round). Bottom bead timber or aluminium.

Cill options

Four cill sizes to choose from stub to 200mm.

Finishes

Sigma microporous water based coating system.
Opaque paints according to RAL and NCS colour charts.
4 layer coating system, impregnation, primer, undercoat, topcoat.
10 year guarantee against rot and fungal infection.

