

Windows » Wood-aluminum windows » DUOLINE - 68, 78, 88



Windows Duoline

Perfect combination of durability and wood aesthetics.

Features

- 1. Classic and elegant design coherent with current architectural trends.
- 2. Great selection of colours for the interior thanks to the wide colour palette for aluminum and wood.
- 3. Lots of design possibilities regarding the shapes from rectangles, trapezoids, arches, circles and other non-standard shapes.
- 4. Great parameters in energy efficiency and sound insulation.
- 5. High safety level guaranteed by the stability of aluminum profile combined with high-quality Maco fittings.
- 6. Easy for upkeep and care, thanks to the external aluminum profile.

Technical data

Maco Multi Matic KS; Two anti-burglary bolts in standard; window is equipped with sash lifting and handle missplacement blockage*; micro-ventilation in a slot

Fittings **; optionally hidden hinges.

*Depending on the window height

**for tilt and turn windows

Gaskets EPDM and TPE seal in standard.

DUOLINE 68 $Uw = 0.90 W/(m^2K)^*$

DUOLINE 78

 $Uw = 0.84 W/(m^2K)^*$

 * For a window 1230 x 1480 mm, CSI in the Czech Republic.

Thermal insulation

DUOLINE 88

Uw= 0,79 W/(m2K)**

** Coefficient calculated with the application of 4/18/4/18/4 - 0.5 W/(m2K) package for reference window Duoline 88 mm 1230 x 1480 made of meranti wood

Possibility to choose between profiles with three installation depths: 68mm, Profile 78mm, 88 mm in three types of wood: three- or four-layer solid square timber: meranti 450+, pine and larch, with aluminum clad on the outside.

Spacer frame

Steel galvanized spacer frame in standard, optionally Swisspacer Ultimate available in various colour options.

Glass – Two-glass package with 24 mm thickness in standard, with thermal transmittance coefficient Ug = 1,0 W/(m^2 K) according to the PN-EN674 norm; the possibility to apply two- or three-glass packages

- For Duoline 68 mm max. glass package thickness is 46 mm with thermal transmittance coefficient Ug = 0,6 W/(m²K).
- Glass For Duoline 78 mm max. glass package thickness is 50 mm with thermal transmittance coefficient Ug = $0.5 \text{ W/(m}^2\text{K})$.
 - For Duoline 88 mm max. glass package thickness is 50 mm with thermal transmittance coefficient Ug = $0.5 \text{ W/(m}^2\text{K})$

The possibility to apply glass with enhanced sound insulation, tempered, safety, anti-burglary, ornament or solar protective.