

Specially designed, original outward-opening windows and balcony doors. Attractive design and very good thermal insulation parameters mean a warmer home with lower heating costs.

TECHNICAL DATA



70 mm

installation
depth



$U_w 0,89 \text{ W/(m}^2\text{K)}^*$

thermal
transmittance

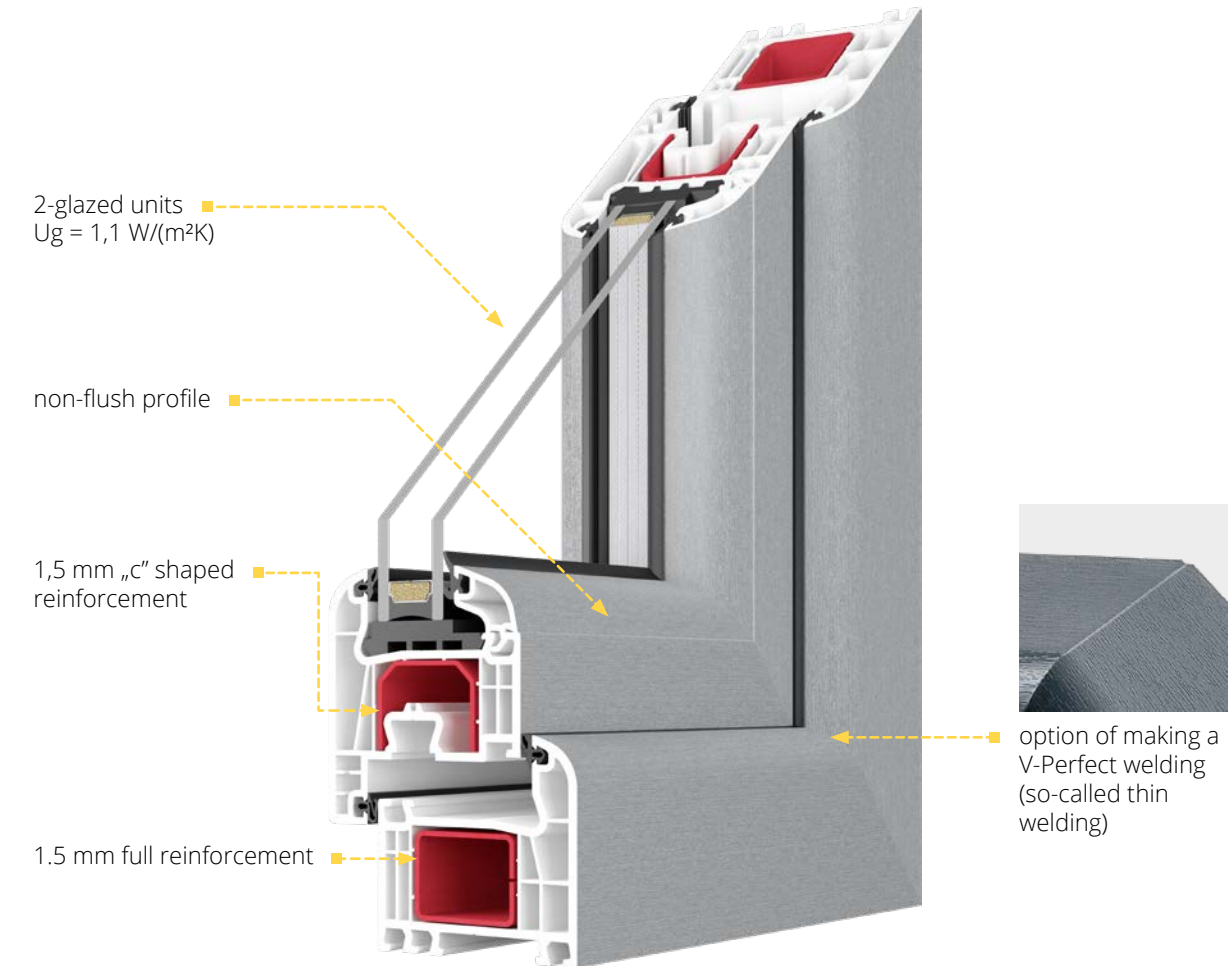
*More data at page 89.



OUTWARD-OPENING WINDOWS AND BALCONY DOORS

SYSTEM STRUCTURE

The profile has a 5-chamber construction with an installation depth of 70 mm. It features steel reinforcement of the sash and frame. The system is fitted with a double EPDM gasket: external and internal.



Standard:

- concealed MACO Multi-Power fittings in the window (invisible hinges when the window is closed), door fittings on balcony windows
- for balcony doors, double roller DM20 bolt for full (airtight) locking or locking with trickle ventilation
- aluminium handle with double-sided insert
- 2-glazed (1-chamber) units infilled with argon gas with $U_g = 1.1 \text{ W/(m}^2\text{K)}$
- galvanised steel glass-pane spacer optional Swisspacer Ultimate glass-pane spacer
- 2 EPDM gaskets in black (external and internal)
- gasket filling the lower fittings groove
- 1.5 mm full (closed), steel, „C“-shaped frame and sash reinforcement (2 mm for balcony door sashes)
- profile core in white
- 5-chamber PVC under-sill trim with gasket

ADDITIONAL OPTIONS



option of using glazed units with a thickness from 24 mm to 40 mm



option of using glass panes with improved sound insulation, laminated (safety and anti-burglary), ornamental, solar control, mirror and sandblasted



option of using the Swisspacer Ultimate glass-pane spacer available in 3 colour variants: black, grey, brown (p. 84)



wide range of colours of decorative films, option to cover the window on both sides (two the same or different colours) or only one side (p. 80)



option of selecting gaskets in grey



option of using a rectangular glazing bead - only for 24 mm glazing (p. 85)



option of using concealed hinges on balcony doors (invisible when the door is closed) - MACO Multi-Power fittings are designed for balcony door sashes weighing up to 150 kg



option of using 27 mm, 45 mm or 65 mm wide PVC glued on muntin bars and 8 mm, 18 mm, 26 mm or 45 mm wide aluminium internal muntin bars (p. 66)



3-glazed (2-chamber) units, infilled with argon gas, with $U_g = 0.6 \text{ W/(m}^2\text{K)}$



option of making windows in V-Perfect technology (so called thin welding)



option of using rebate or RENSON ventilators (p. 78)



wide range of additional profiles (connectors, extensions, sill profiles)

