

C77K

High-performance windows

This casement system offers high-level thermal and acoustic insulation and a RC3 burglar resistance level. It is suitable for a wide range of building types, including residential, industrial, and commercial settings, and integrates seamlessly with a variety of modern aesthetic styles. With a compact but highly performing design, this series is designed with ideal geometries for renovations and replacements of already installed windows and doors.

FEATURES

- › Flat, rounded, chamfered profiles
- › Burglar-resistant system
- › Central gasket system
- › Maximum sash weight up to 150kg
- › Concealed hardware

OPTIONS

- › Inward opening
- › Tilt-and-turn sash
- › Bottom-hung sash
- › Upper fixed glass/panel
- › Bottom fixed glass/panel



SPECIFICATIONS

PERFORMANCES AND CERTIFICATIONS

	C77K
U_w (Double glazing $U_g = 1.0 \text{ W/m}^2\text{K}$)	1.2 $\text{W/m}^2\text{K}$
U_w (Triple glazing $U_g = 0.6 \text{ W/m}^2\text{K}$)	0.89 $\text{W/m}^2\text{K}$
Air permeability	Class 4 (600 Pa)
Water tightness	E_{1500} (1500 Pa)
Wind resistance	Class C5 (2000 Pa)
Acoustic insulation	49 dB
Security	RC3

SYSTEM SPECIFICATIONS

Frame depth (fixed frame)	77 mm
Sash depth (opening frame)	87 mm
Maximum height	2500 mm
Maximum width	1500 mm
Maximum sash weight	130 kg – 180 kg visible hinges 100 kg – 150 kg concealed hinges

GLAZING

Thickness	24 mm – 62 mm
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CONFIGURATIONS



Fixed panel



Side-hung opening



Bottom-hung opening



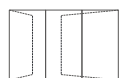
Tilt-and-turn opening



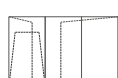
Double side-hung opening



Double tilt-and-turn opening



Three-leaf side-hung opening



Three-leaf tilt-and-turn opening

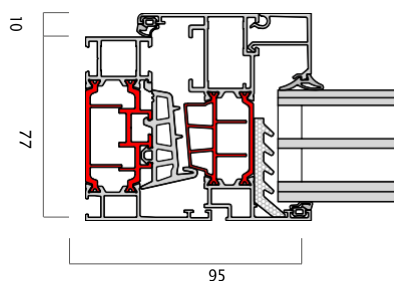


Four-leaf side-hung opening

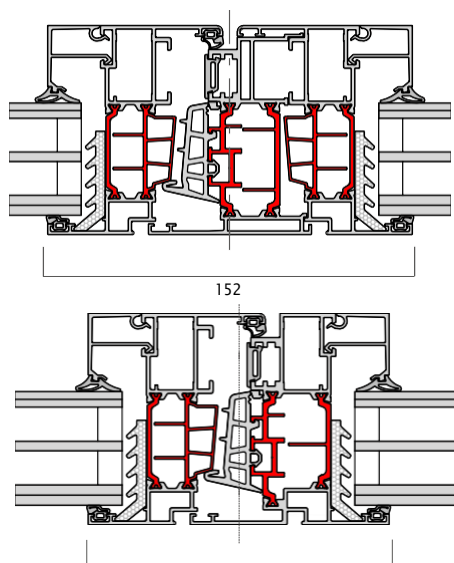
SECTIONS AND DETAILS

Further details are available upon request

HORIZONTAL SECTION



CENTRAL SECTION



LOW THRESHOLD

