CONSTRUCTION
• High performance thermally insulated aluminium window
• Three-chamber profiles, factory installed thermally insulated zone with ABP (general building supervisory authority test certificate)
• Sash weight max. 160 kg visible, max. 170 kg concealed
• Glass thickness between 22 mm and 67 mm

PROFILE DEPTH
• Fixed frame: 77 mm
• Sash frame: 88 mm

INSULATION ZONE
• Factory installed, glass fibre-reinforced polyamide strips from 35 mm to max. 42 mm
• Optional insulation inserts
• Variable additional measures for different thermal insulation demands

GASKETS
• Centre seal gasket: standard hollow chamber gasket or optional high performance centre seal gasket for special U value requirements, both with vulcanised corners or as a vulcanised frame
• Glazing/rebate gaskets: narrow elevations on inside and outside, gaskets can be drawn in continuously
• Additional insulation wedge at the glazing bead available if required
• All gaskets coated with sliding polymer, suitable for self-cleaning glazing

ELEVATION WIDTH
• Narrow elevation width of fixed/sash frame combination from 90.5 mm

TEST RESULTS
• Thermal insulation (EN 10 077 - 2):
  \[ U_f = 1.0 – 2.2 \text{ W/(m}^2\text{K)} \]
• Water tightness (EN 12 208): up to E 900
• Air permeability (EN 12 207): 4
• Resistance to wind load (EN 12 210): up to C5
• Burglar resistance (EN 1627 ff): up to RC 3
• Sound insulation (EN ISO 717 - 1): up to \( R_w = 46 \text{ dB} \)