



ALUMINIUM SYSTEMS @

HUECK Lambda 77 L / XL

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):
 $U_f = 1.0 - 2.2 \text{ W}/(\text{m}^2\text{K})$
- 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 $R_w = 46 \text{ dB}$

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