



ALUMINIUM SYSTEMS @ **HUECK** Lambda 100

CONSTRUCTION

- Composite window with inside sun protection
- Three-chamber profiles, factory installed thermally insulated composite
- Leaf weight max. 160 kg visible, max. 170 kg concealed
- Glass thickness inside 24-32 mm, outside 4-8 mm

PROFILE DEPTH

- Fixed frame: 100 mm
- Sash frame: 111 mm

INSULATION ZONE

- Factory installed thermally insulating composite
- Optional insulating insert strips for all profile geometries
- Variable additional measures for different thermal insulation demands

GASKETS

- Centre seal gasket: High-insulating 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, if required additional insulation wedge at the glazing bead
- All gaskets coated with sliding polymer, suitable for self-cleaning glazing

ELEVATION WIDTH

- Narrow elevation width of fixed/sash frame combination from 78 mm

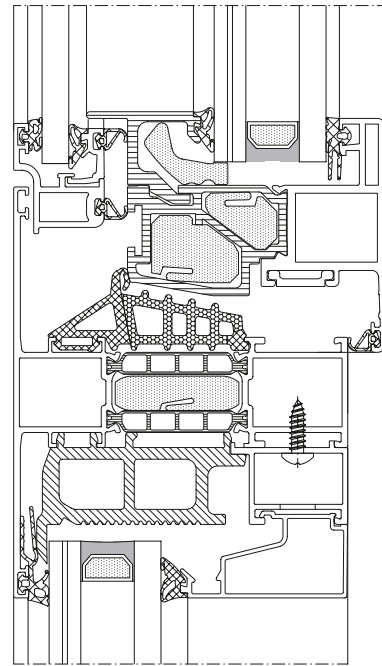
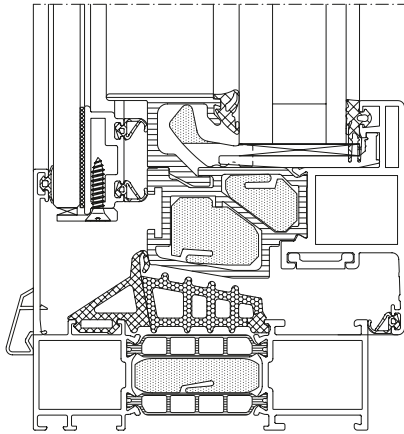
TEST RESULTS

- Thermal insulation (EN 10 077-2): $U_f \geq 1.0 \text{ W}/(\text{m}^2\text{K})$
- Water tightness (EN 12 208): E 1200
- 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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