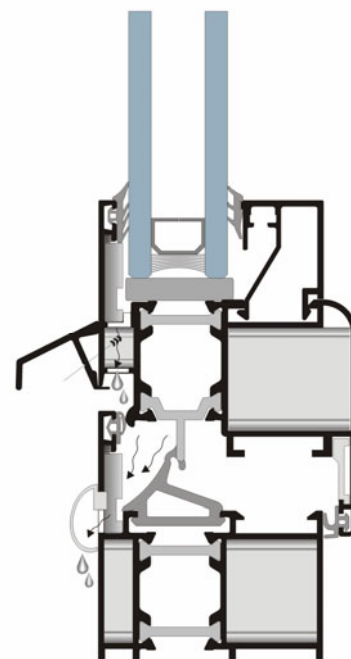


ALUMIL M9650 Alutherm Light

Thermal-break system for “tilt-and-turn” frames, intended for constructions of limited expenditure.

Basic characteristics:

- ✓ 50 mm sash width
- ✓ Thermal-break classification Gruppe 2.2
- ✓ ALUSEAL sealing, with three levels of EPDM gaskets
- ✓ Fiber-enforced PA 6.6 polyamide thermal-break (18 mm).
- ✓ Option of “Camera Europea” or PVC-groove mechanism
- ✓ Profiles with two clear chambers, enhancing connection and water outflow.
- ✓ Availability of mechanical, crimp, or pin corner connection.



| TECHNICAL SPECIFICATION OF PROFILES | |
|-------------------------------------|---|
| Aluminum alloy | AlMgSi (EN AW 6060) |
| Hardness | 12 Webster or 70 HB minimum |
| Minimum Powder Coating Thickness | 75µm minimum |
| Profile thickness (min-max) | 1,4 – 2,0 mm |
| Profile Geometry Control | EN DIN 12020-2 Compliant |
| Thermal-break | Mechanical, with PA 6.6 fiber enforced polyamide (18 mm in both frame and sash) |

| TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES | |
|---|---|
| Width for basic frame / sash | 50 / 57,5 mm |
| Glazing supported | Single, double or triple, from 24 to 32 mm |
| Maximum glazing weight | 130 kg for doors and windows 150 kg for main entrances |
| Sealing | “ALUSEAL” system, with EPDM gaskets applied in 3 levels |

Construction options:

- ✓ One or two-sash doors and windows, with or without shutters.
- ✓ Main Entrances.
- ✓ Angular constructions and other special applications.

Certifications:

- ✓ The design, the production process, and the quality control of all profiles produced by Alumil are certified with ISO 9001.
- ✓ The process of electrostatic powder coating is certified by QUALICOAT and RAL (GSB) in all plants operated by Alumil.