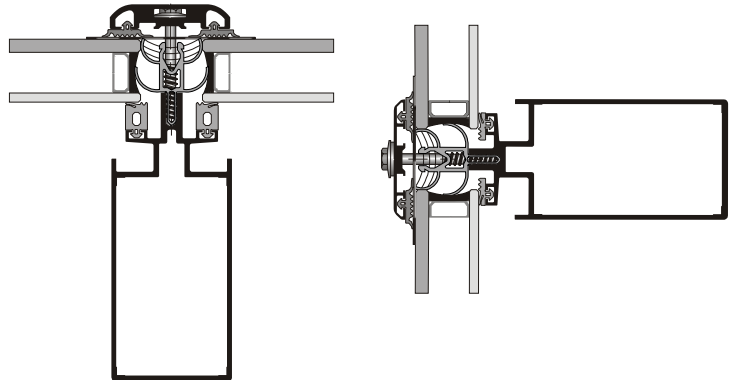


## ALUMIL MIO800 Skylight Alutherm

*Thermal-breaking system  
for atriums and skylights,  
with 55 mm column width*



Basic characteristics:

- ✓ Satisfies many different applications like pyramids, sky lights, casings etc.
- ✓ Thermal-break classification Gruppe 2.1.
- ✓ Provides structural solutions for producing multi-bezel solutions and finishes of drain pipes, which can be combined with the remaining construction.
- ✓ Supported by profiles for creating atriums of big dimensions, without any further mechanical support.
- ✓ The materials used are vertical and horizontal aluminium profiles, inox screws, and other means of connection, which offer great endurance in time and are not corrosive.
- ✓ The system cooperates perfectly with the M6 Curtain Wall system for the fabrication of complex structures, like curtain walls that end in skylights, domes etc.

### TECHNICAL SPECIFICATION OF PROFILES

|                                  |                                |
|----------------------------------|--------------------------------|
| Aluminum alloy                   | AlMgSi 0.5 F22 6060 (DIN 1725) |
| Hardness                         | 12-14 HB                       |
| Minimum Powder Coating Thickness | 0,75 mm                        |
| Profile thickness (min-max)      | 2,2 – 2,5 mm                   |
| Profile Geometry Control         | DIN 17615 Compliant            |

### TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES

|                                                                 |                                                       |
|-----------------------------------------------------------------|-------------------------------------------------------|
| Basic system width                                              | 55 mm                                                 |
| Maximum moment of inertia (without additional supporting beams) | 883 cm <sup>4</sup>                                   |
| Glazing supported                                               | Single, double or triple, from 24 to 50 mm            |
| Sealing                                                         | Perimetrical, with EPDM gaskets applied in two levels |

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 GSB in all plants operated by Alumil.