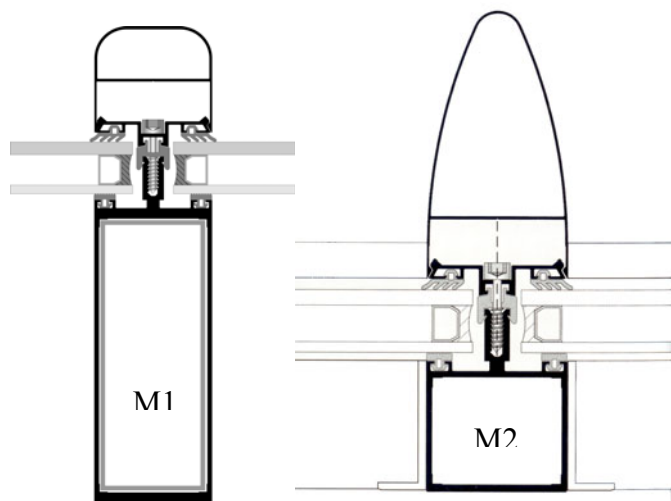


## Alumil MI Solar Standard



**M1 SOLAR STANDARD,  
M2 SOLAR STANDARD LINEAR**  
*Product line for standard curtainwall construction, in two different versions:*

The main characteristic of an M1 façade is the existence of 55 mm pressure plate caps in both the vertical and the horizontal axes of the curtainwall grids. The same system can be constructed as M2, in which case the pressure plate caps are installed either on the vertical or in the horizontal axes of all grids, in order to stress a building's linear design.

Basic characteristics:

- ✓ Standard curtainwall product line
- ✓ 55mm column and transom width
- ✓ Two-level sealing, using EPDM gaskets
- ✓ Option of constructing hopper windows and main entrances completely integrated in the façade
- ✓ Option of angular constructions, in both the internal and external sides of the façade
- ✓ Excellent water outflow through the drainage channels of columns
- ✓ Combines easy fabrication methodology with simple design
- ✓ Reliable and cost-effective solution

### TECHNICAL SPECIFICATIONS 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)      | 1,8 – 5,0 mm                |
| Profile Geometry Control         | EN DIN 12020-2 Compliant    |

### TECHNICAL SPECIFICATIONS OF SYSTEM TYPOLOGIES

|   |  |
|---|--|
| Basic column and transom width                                      | 55 mm  |
| Maximum Moment of Inertia sustained (without metallic beam support) | Up to 2073 cm <sup>4</sup>                   |
| Glazing supported   | Single, double or triple, from 6 up to 32 mm |
| Sealing   | Two-level sealing, using EPDM gaskets        |

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.