

A modern building with large glass windows and a yellow geometric overlay. The building features a white upper section and a dark lower section. The windows are framed in black and reflect the sky and clouds. A yellow geometric shape, consisting of several overlapping triangles, is superimposed over the building and extends towards the right side of the image. The background is a light gray gradient.

Alumil

A yellow arrow icon pointing to the right, composed of two overlapping triangles.

SMARTIA
M 1 2500 Phos



What

The SMARTIA M12500 Phos is the new **smart** sliding Alumil system for sliding doors & windows with **minimal lines**, which thanks to its design maximizes natural lighting.

Impressive feature (patented) is **completely flat bottom frame driver guide.**



Alumil

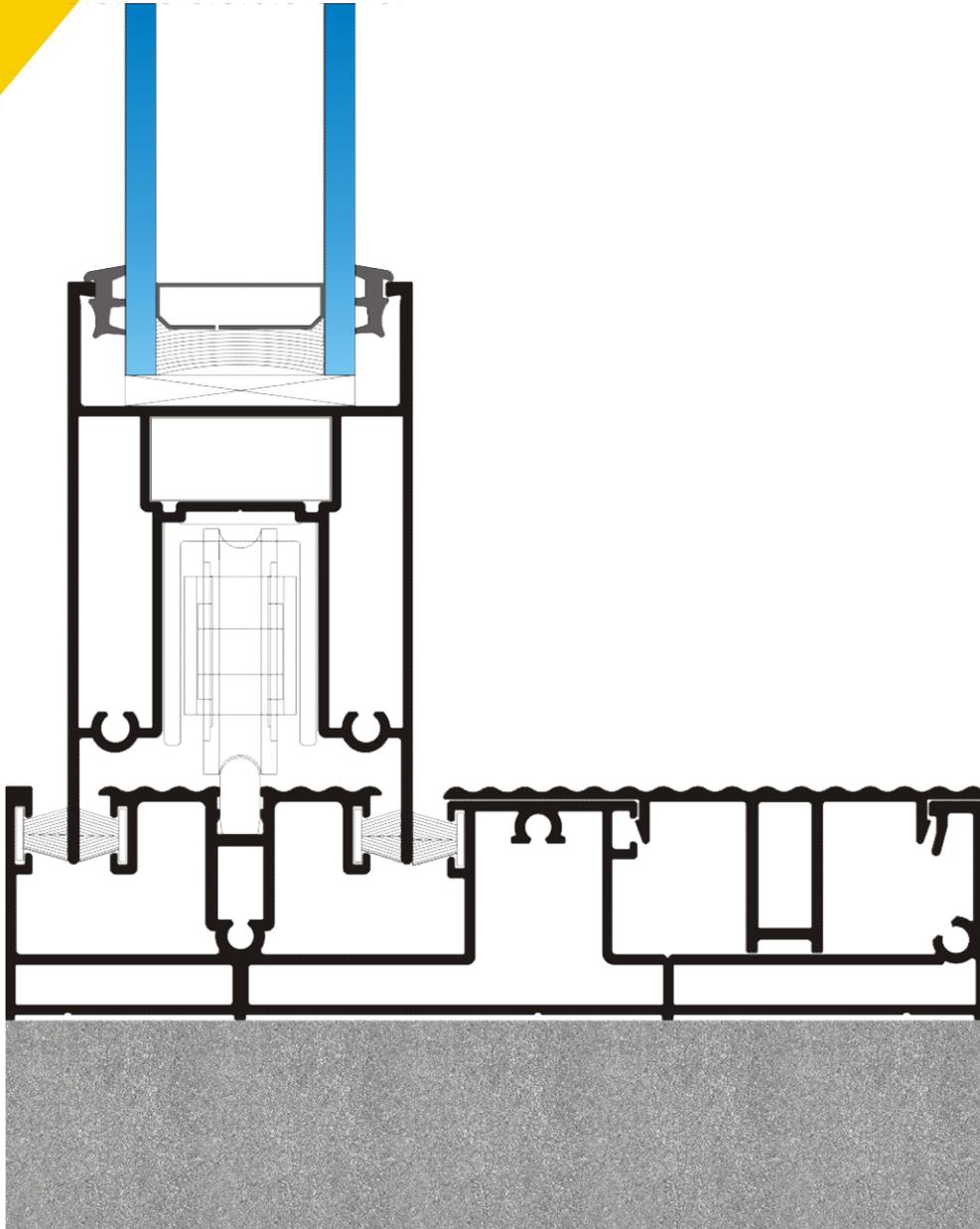
Why

The SMARTIA M12500 Phos is the new minimal light sliding system with sash conceals in frame.

Although its has a minimal design constructions can go up to the height of 3m.

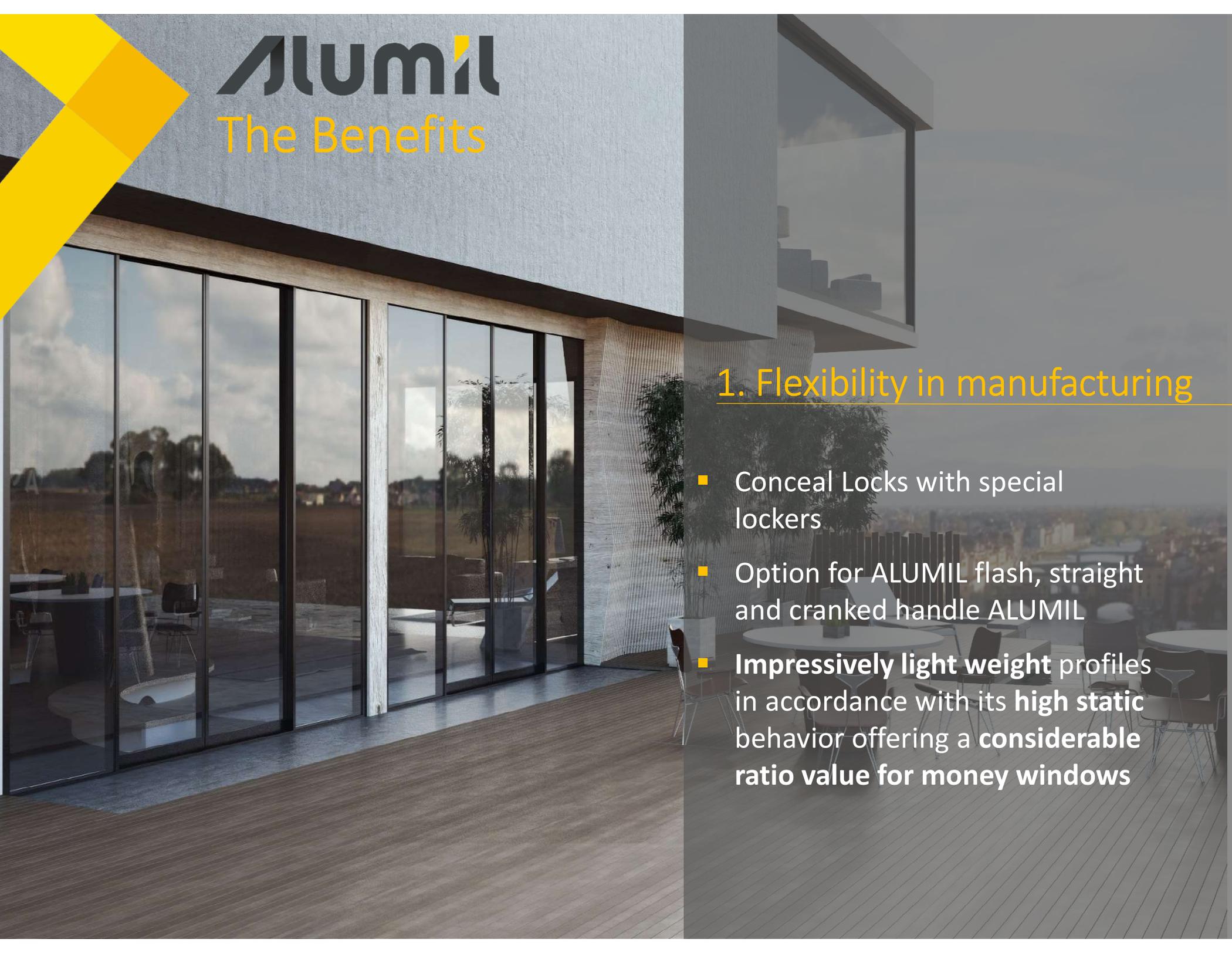
Alumil

The Benefits



1. Flexibility in manufacturing

- Ability of glazing from **18 to 32 mm**
- Connections in right angle & 45°
- Patented single, double & triple locking mechanism



ALUMIL

The Benefits

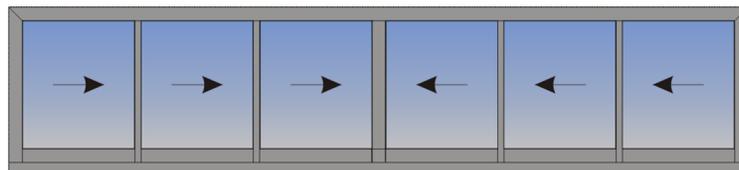
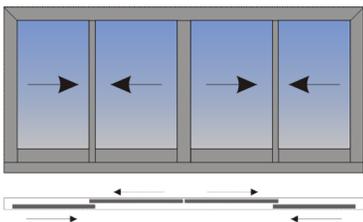
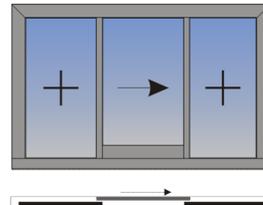
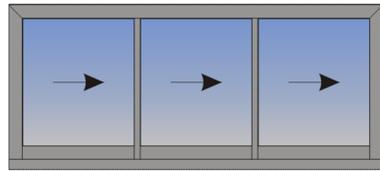
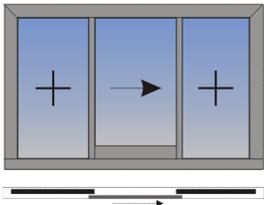
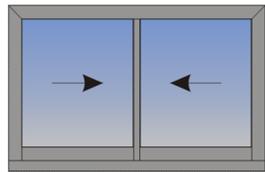
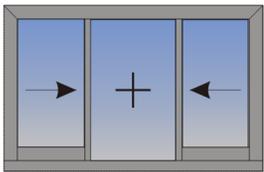
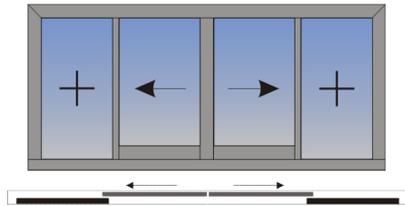
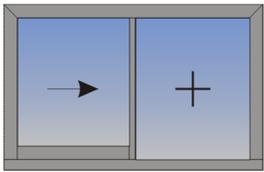
1. Flexibility in manufacturing

- Conceal Locks with special lockers
- Option for ALUMIL flash, straight and cranked handle ALUMIL
- **Impressively light weight** profiles in accordance with its **high static** behavior offering a **considerable ratio value for money windows**



Alumil

The Benefits



1. Flexibility in manufacturing

- Ability to construct windows with minimal design (Conceal frames)
- Optional 9 different alternative typologies

The Alumil logo is positioned in the top left corner of the slide. It features the brand name 'Alumil' in a bold, black, sans-serif font. A small yellow square is placed above the letter 'i'. To the left of the logo, there is a large, stylized yellow arrow pointing towards the right, composed of several overlapping rectangular segments.

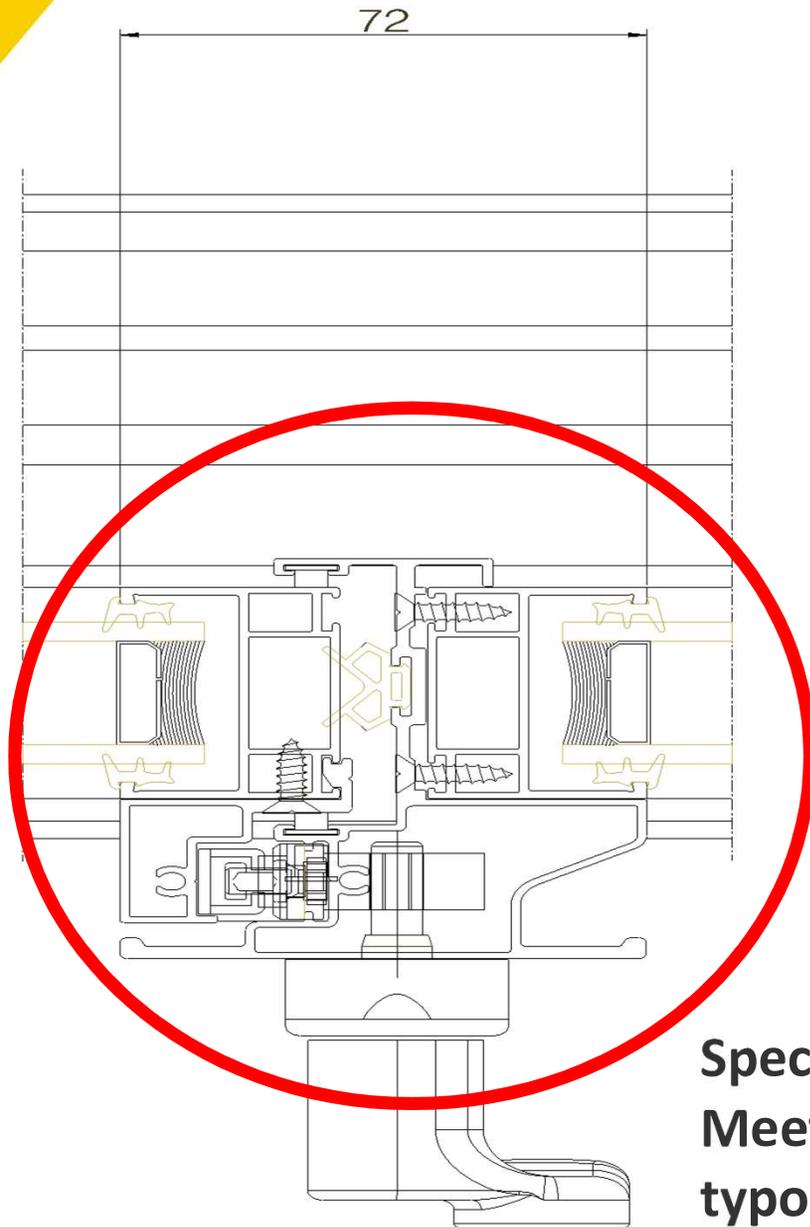
The Benefits

1. Flexibility in manufacturing

- The height of the driver guide rests at 30,5mm
- Optional construction of the frame to be **conceal** parametrical

Alumil

The Benefits



**Special
Meeting stile
typology**

1. Flexibility in manufacturing

- Use of an Alumil International patent for minimal typology of meeting stile
- Total visible aluminum of just 72mm (usually in conventional systems is greater than 180 mm)

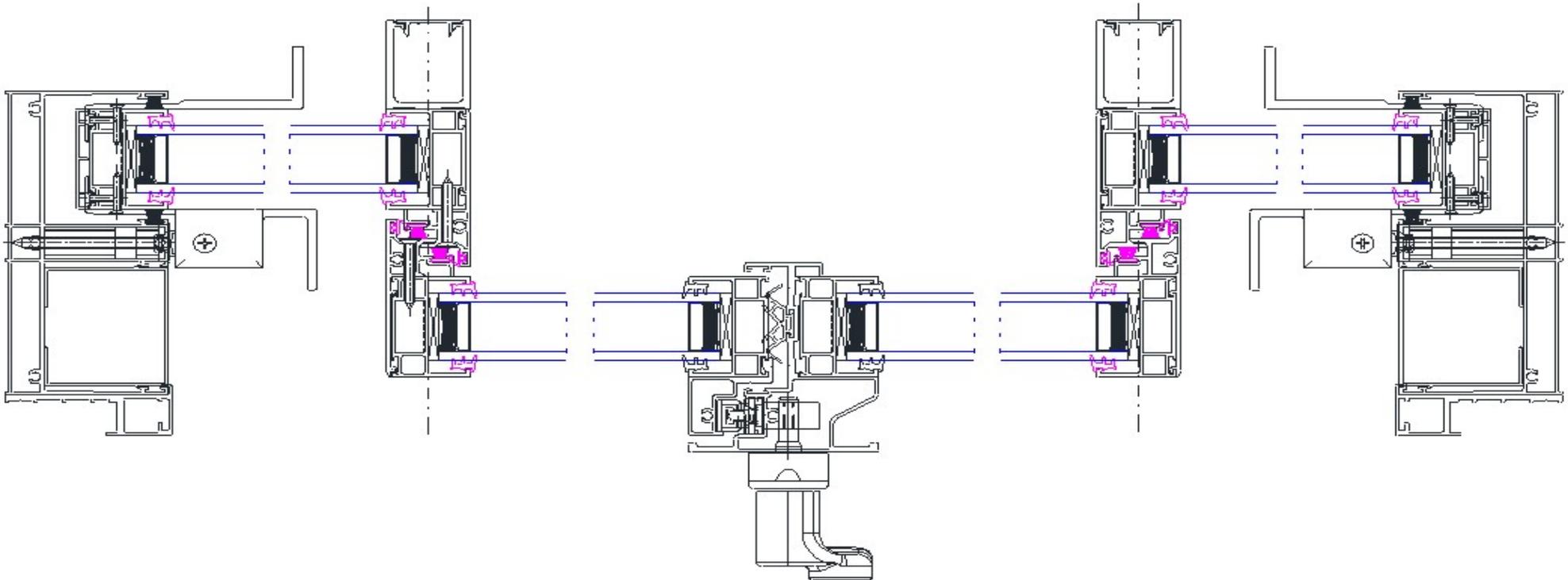


Alumil

The Benefits

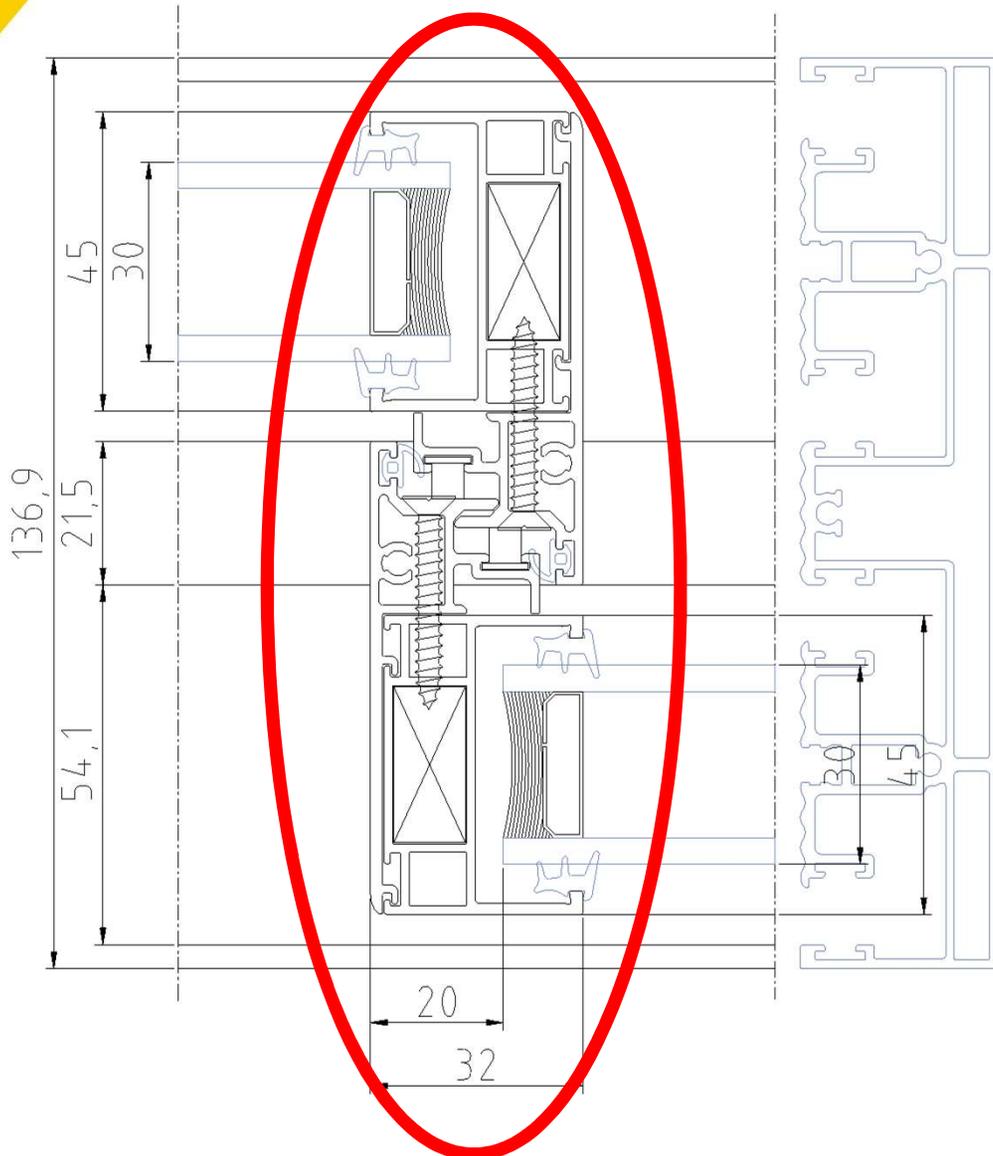
2. Maximizing Visibility & sense of freedom

- **90% reduction of aluminium frame & at the interlock points**



Alumil

The Benefits



2. Maximizing Visibility & sense of freedom

- Intelocking point at just **32mm**



Alumil

The Benefits

3. Energy Saving

- Although simple non insulating - placing $U_g = 1.1$ have **satisfactory insulation levels:**
 - $U_w = 2,4$ up to $3,0 \text{ W/m}^2\text{K}$
- EPDM gaskets at the interlock hook profile