

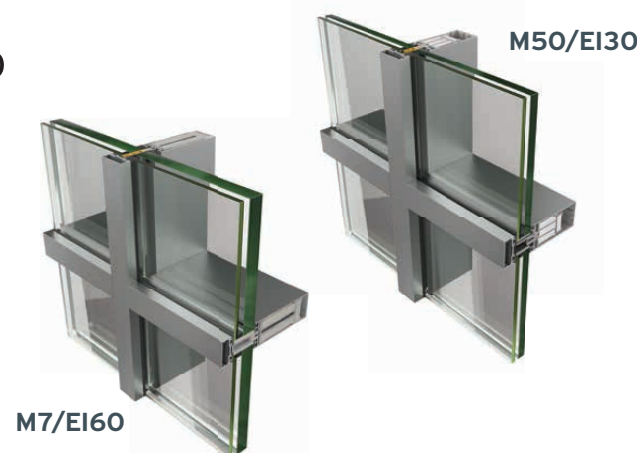
Alumil > FIRE RATED SYSTEMS



ALUMIL has enriched its product portfolio with **fireproof Curtain Wall systems**.

The range consists of two different Curtain Wall Systems depending on fire proof classification:

- M50 EI30 offering 30 minutes fire protection
- M7 EI60 offering 60 minutes fire protection

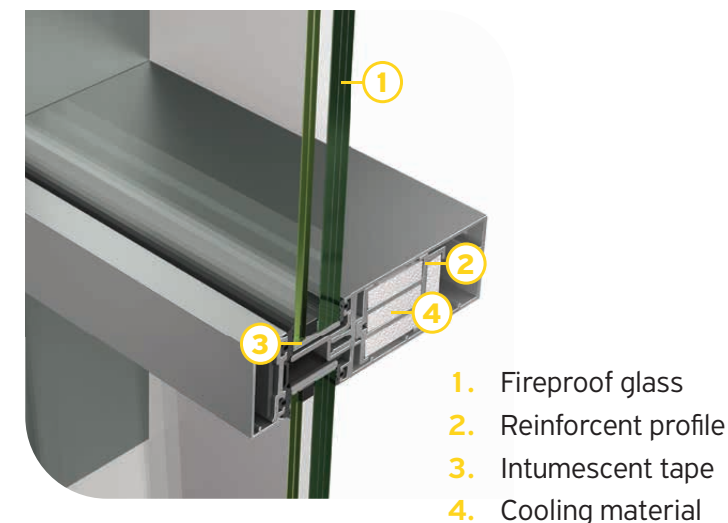


SYSTEM

Product characteristics M50 EI30

- Basic system width 50mm
- Flat interior appearance thanks to same mullion and transom profile.
- Available mullion and transom depth 105-175 mm.
- Available mullion and transom Moment of Inertia 124-433 cm⁴.
- max glass dimensions:
width ≤ 1452mm
height ≤ 3204mm
- Compatible with both fireproof glass and aluminium panels.

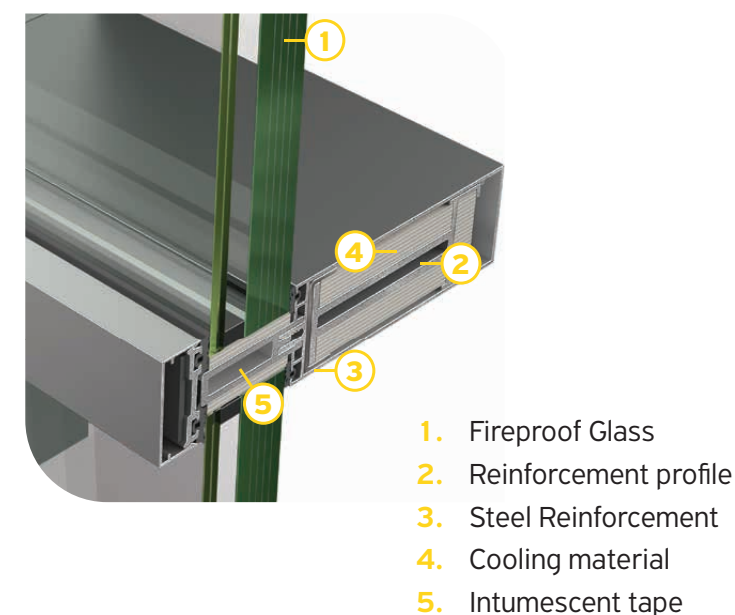
Fire resistance of M50FR is achieved by using a special reinforcement profile both in mullion and transom chamber, filled round with cooling material. Intumescent tape is placed in the sides of isolator and glazing holder. Under high temperature, tape is expanding and fills the space in the area of the façade.



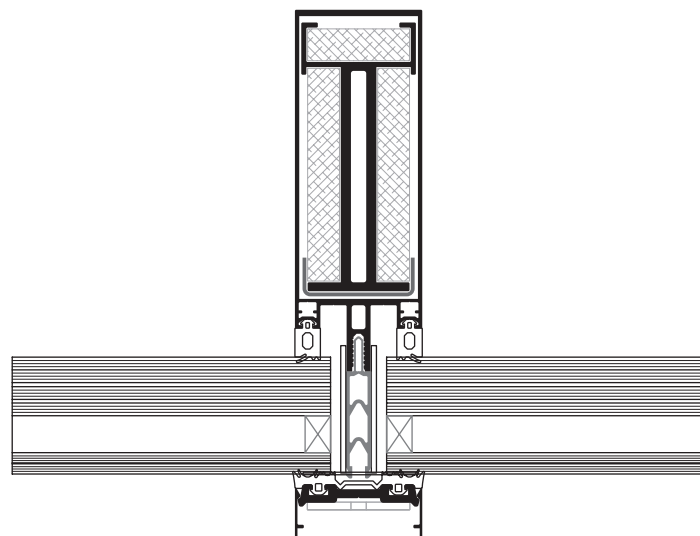
Product characteristics M7 EI60

- Basic system width 50mm
- Available mullion depth 142-267mm
- Available mullion Moment of Inertia 193-1475 cm⁴.
- Available transom depth 141-266 mm.
- Available transom Moment of Inertia 176-974 cm⁴.
- max glass dimensions:
width ≤ 2000mm
height ≤ 3000mm
- Compatible with both fireproof glass and aluminium panels.
- Max floor height 4200 mm.

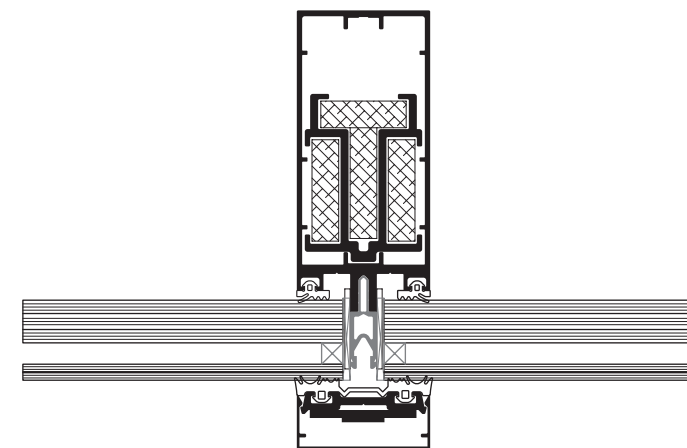
In addition to all fireproof accessories and profiles that are used in M50 EI30, a steel reinforcement is used, providing 60 minutes fire resistance.



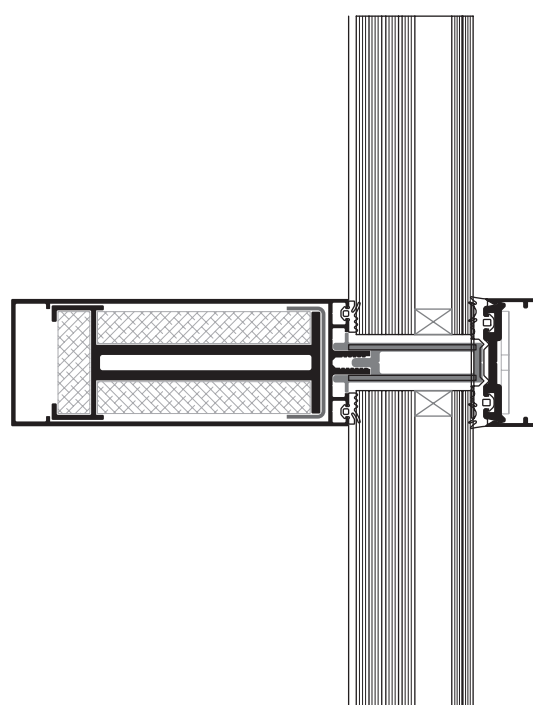
MULLION CROSS SECTION M7 EI60



MULLION CROSS SECTION M50 EI30



TRANSOM CROSS SECTION M7 EI60



TRANSOM CROSS SECTION M50 EI30

