SMARTIA M65 is a unitized curtain wall system ideal for high-rise buildings, which provides freedom in architectural design. The construction of the building’s envelope is done by assembling big panels consisted of many glass frames, either structural or with visible aluminium covers. Every unit can be freely designed by the architect, whilst the system guarantees easy and secure application.

- 65mm basic system width
- Easy replacement of broken glasses
- Various hinged window types can be applied: parallel projected, top hung, all Tilt & Turn windows of SMARTIA systems
- Certified system performance by the IFT Rosenheim & AAMA institutes

**Exterior aesthetics**

Visible aluminium frame: 28.5 mm
Distance between frames: 8 mm
**TECHNICAL CHARACTERISTICS**

- Exterior visible width: 65 mm
- Mullion depth: 176 mm
- Transom depth: 176 mm
- Glazing: Unitized type with EPDM gaskets
- Glass thickness: 32 mm
- Mullions max inertia: \( I_x = 320 \), \( I_y = 9 \) cm\(^4\)
- Transoms max inertia: \( I_x = 485 \), \( I_y = 80 \) cm\(^4\)
- Max dimensions WxH: 1500 x 3750 cm

**TYPOLOGIES**

- Tilt and turn vent window
- Tilt and turn vent conceal window
- Parallel and projected outward window
- Hinged opening outward door
- Hinged opening inward door
- Projected outward window
- Parallel projected outward window

**CERTIFICATES**

- Air permeability EN 12152: CLASS AE
- Watertightness EN 12154: CLASS RE 1200
- Resistance to wind load EN 13116: \( \pm 3.0 \) KN/m\(^2\)
- Thermal Insulation EN 12412-2: \( U_i = 2.8 - 3.7 \) W/m\(^2\)K