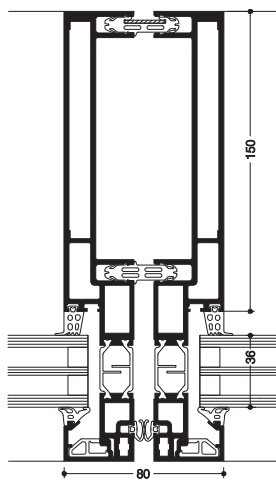


» WICTEC EL evo Unitised curtain wall

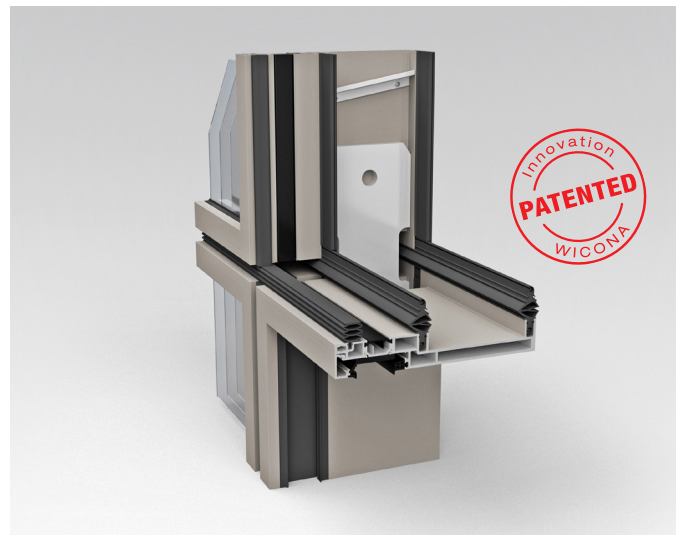
WICTEC EL evo is an innovative unitised curtain wall system that can be individually adapted to project-specific requirements. Elements are manufactured in controlled workshop environments without being affected by external factors such as the weather, resulting in consistently high quality. Fast, efficient and projectable assembly on site.

Aluminium composite profiles with excellent thermal insulation, from quality-assured and monitored production. All new drainage system accommodating slab edge deflections using patented "spring gasket" technology at horizontal joints between elements without compromising the profile design. This allows narrow frame sight lines to be used, even with extreme building movements.



System test results / CE product pass in accordance with DIN EN 13830

Air permeability:	Class AE
Water tightness:	RE 1200
Resistance to wind load:	2000 / -3200 Pa, security 3000 / -4800 Pa
Impact resistance:	Class E5 / I5
Quality assurance:	Certified according to ISO 9001:2008
Environmental management:	Certified according to ISO 14001



Technical performance:

WICTEC EL evo unitised façade system

- Module dimensions (w x h): up to 3000 mm x 3500 mm
- Slim sight lines
- Same profile depth for mullions and transoms
- Aluminium composite profiles with 2 steps of thermal insulation
- External glazing beads with mitred corners for a picture frame appearance
- 20 mm nominal horizontal joints, accommodating +/- 10 mm slab deflections
- 10 mm and 20 mm nominal vertical joint options
- Broad range of applications, allowing short delivery times and consequently short execution times
- Fast, efficient and projectable installation on site

Spring gasket

- Patented expansion joint gasket allows compensation of building tolerances and slab deflections up to +15 / -12 mm, independent of the profile design
- Hollow chamber gasket for stable mounting position
- "Concertina" construction of the gasket allows the absorption of building deformations up to 27 mm
- The universal usage of the gasket avoids time and cost consuming production for individual project gaskets
- Hooking area of the gasket ensures a tight fit and a safe assembly. Hence, process reliability and quality on the construction site are improved

