

WICONA®

By  Hydro



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Aluminium solutions for façades,
windows, doors and sliding elements

WICTEC 50EL

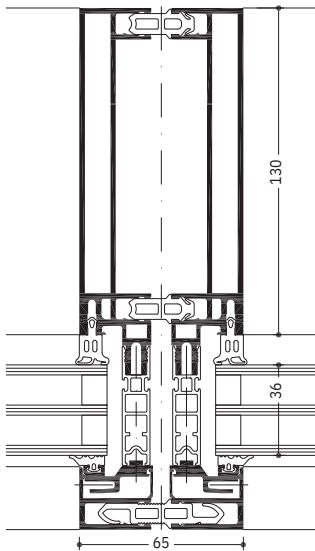
»» Unitised curtain wall

ALUMINIUM PROFILE SYSTEMS

» WICTEC 50EL Unitised curtain wall

WICTEC 50EL is a unitised version of the WICTEC 50 stick system. This range combines the advantages of the stick system structure with the assembly benefits of unitised curtain walling, and creates extremely narrow sight lines of only 50 or 65 mm.

The external profiles are mitre cut, achieving a particularly elegant “picture frame” appearance. Where there are stringent requirements pertaining to thermal insulation, WICTEC 50 EL offers the appropriate solution.



**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:

System width: 50 mm for integral fenestration and 65 mm for coupled frames
 Profile depth: 195 mm to 213 mm
 Thermal insulation: U f up to 1.4 W/(m²K) horizontally and U f up to 1.5 W/(m²K) vertically
 Infill thickness: up to 44 mm
 Unit sizes: (w x h) up to 3000 mm x 3500 mm, up to 1500 mm width without integrated mullions

System technology:

- WICTEC 50EL is a basic unitised system and can be adapted individually to meet specific project requirements
- The complete units are produced in the workshop, avoiding the influence of weather conditions and assuring a constantly high level of quality
- Fast, efficient and projectable assembly on site
- Aluminium profiles using mullion-transom technology, with insulating profiles that provide a high level of thermal insulation
- Narrow sight lines for maximum transparency
- Mullions and transoms have the same profile depth
- Efficient thermal performance, up to U f = 1.4 W/(m²K)
- Reliable corner connection with systemised brackets
- Fast and easy installation on site using a dedicated anchor system



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