

**WICONA®**

By  Hydro



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Aluminium solutions for façades,  
windows, doors and sliding elements

**WICTEC 50SG**

» Structural glazing curtain wall

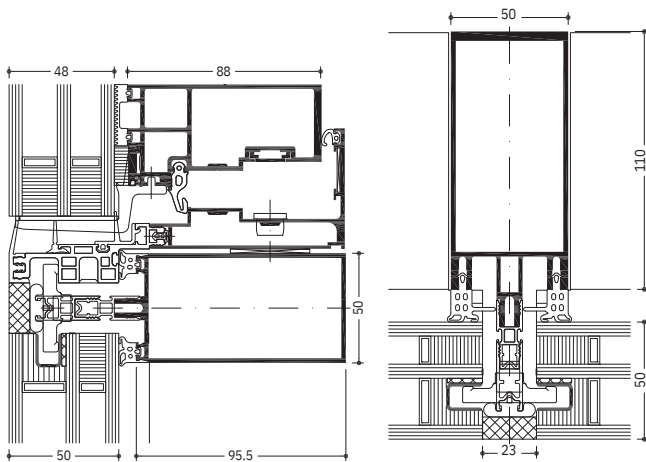
ALUMINIUM PROFILE SYSTEMS

# » WICTEC 50SG Structural glazing curtain wall



A characteristic feature of WICTEC 50SG structural glazing curtain wall is the flush design with slim silicone joints between the glass panes. The system offers all-glass technology both for vertical curtain walls and sloped roof glazing. Based on the standard WICTEC 50 stick system these options can be realised with simplified and economic processing and assembly, while assuring a high level of quality.

The WICLINE 90SG integrated opening sash complements the homogeneous full glass design with Italian style or parallel outward opening functionality.



WICTEC 50SG with integration sash WICLINE 90SG

WICTEC 50SG

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

Air permeability: Class AE	
Water tightness: RE 750	
Resistance to wind load: 2000 Pa, security $\pm$ 3000 Pa	
Impact resistance: Class E5 / I5	
Approval: ETA: 12/0551	(European Technical Approval)
Quality assurance: Certified according to ISO 9001:2008	
Environmental management: Certified according to ISO 14001	

### Technical performance:

System width: Internal aluminium profiles 50 mm  
 External silicone joint 23 mm  
 Thermal insulation: U  
 f up to 1.6 W/(m<sup>2</sup>K)  
 Infill thickness: up to 64 mm

### System technology:

ETA (European Technical Approval) granted Outstanding appearance  
 Basic structure same as the WICTEC 50 curtain wall, with identical profile and gasket technology  
 Fast and simple installation of IGUs, thanks to a special patented fastener  
 Can also be combined with external cover profiles in various shapes and designs  
 The ideal complement: WICLINE 90SG all-glass integrated sash with Italian style or parallel outward opening functionality



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