

WICONA®

By  Hydro



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Aluminium solutions for façades,
windows, doors and sliding elements

WICTEC 50

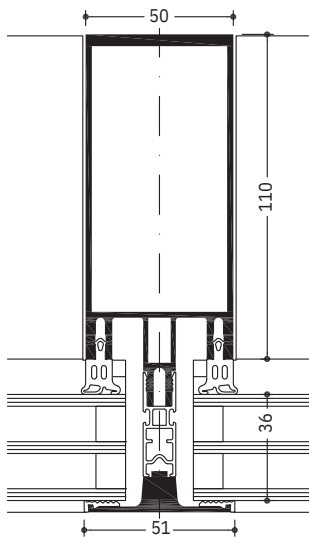
» SG design

ALUMINIUM PROFILE SYSTEMS

» WICTEC 50 SG design



Reduced profile projections, creating maximum transparency: With its integrated pressure profile, the WICTEC 50SG design offers an inexpensive solution with a similar aesthetic to structural glazing. Available as a flush or low projecting installation, both solutions are a fast and easy extension of a classic stick curtain wall.



Technical performance:

System width: 50 mm
 External profile width: 43 mm / 51 mm
 Infill thickness: 22 mm to 63 mm (traditional IGU)
 and 26 mm to 47 mm (milled IGU)
 Basic system: WICTEC 50

System technology:

Minimal external sight-lines with 43 mm and 51 mm pressure profile widths
 Two options: 4 mm pressure profile projection from the outer glass using traditional IGUs, or completely flush with the outer surface of the IGU by milling the edge of the glass
 Standard stick curtain wall construction with similar external appearance to structural glazing
 Replaces the silicone joint of a classic SG system, thus no bonding/sealing, no technical approval, consistent external visual quality and the possibility of using standard double or triple IGUs
 Production and assembly the same as the standard WICTEC 50 curtain wall
 Overlapping and secure drainage at the cruciform, without mechanical mullion processing, ensures tried-and-tested impermeability
 Consistent internal gasket appearance
 Wide selection of structural profiles, with optional integral reinforcements, ensuring optimal performance

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	
Burglar resistance: RC1N	
Quality assurance: Certified according to ISO 9001:2008	
Environmental management: Certified according to ISO 14001	



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