

WICONA®

By  Hydro



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Aluminium solutions for façades,
windows, doors and sliding elements

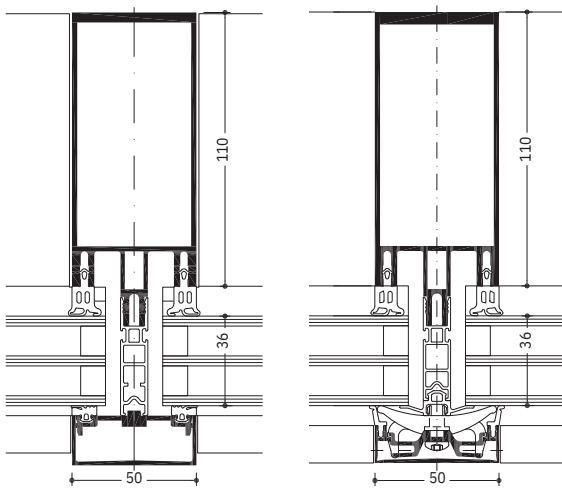
» WICTEC 50 Stick system
curtain wall

ALUMINIUM PROFILE SYSTEMS

» WICTEC 50 Stick system curtain wall



WICTEC 50 is the basic version of the stick system curtain wall, with an extra-narrow face width of 50 mm, inside and outside. The unique flexibility is demonstrated by the various system variants and enhancement options, all of which are feasible with minor additions to the base system and without compromising on appearance.



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	
Sound insulation: R	w (C;Ctr) = 47 (-1; -4) dB
Impact resistance: Class E5 / I5	
Burglar resistance: RC1N, RC2N, RC2, RC3	
Bullet resistance: FB4	
Quality assurance: Certified according to ISO 9001:2008	
Environmental management: Certified according to ISO 14001	



Technical performance:

System width: 50 mm
 Profile depth: 50 mm to 260 mm
 Thermal insulation: U
 f value up to 0.65 W/(m²K)
 Infill thickness: 3 mm to 63 mm
 Glass weight: up to 6.0 kN
 Polygon façade: up to ±45° (per side = 90° angle) Roof pitch:
 up to 10°

System technology:

Ideal for vertical and polygon façades,
 sloped glazing and spatial structures
 Individual design possibilities, thanks to a wide range of
 aesthetic profiles
 Alternative: Industrial design for the appearance of
 steel profiles
 Reliable glass load transfer (up to 6.0 kN),
 with improved transom-joint technology
 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
 External glazing, with visible or concealed fixings
 Extensive solutions for framework junctions and
 conservatories

Additional options in identical design and technical set-up:

Passive house curtain wall (ift Rosenheim)
 SG-design (integrated pressure profile)
 Structural glazing curtain wall
 Add-on curtain wall for steel and wood
 Integrated sun protection
 Fire protection curtain wall
 Quick glazing
 Straight cut
 Heavy load system

Austria
5201 Seekirchen
☎ +43 6212 2000
✉ info@wicona.at

Benelux
3400 Landen
☎ +32 11 690316
✉ info@wicona.be
✉ info@wicona.nl

Croatia
10010 Zagreb
☎ +385 01 2048 217
✉ info@wicona.de

Czech Republic
619 00 Brno
☎ +420 602 745 407
✉ wicona@wicona.cz

Denmark
8240 Risskov
☎ +45 7020 2048
✉ wicona@wicona.dk

España
08195 Sant Cugat del Vallès
Barcelona
☎ +34 93 573 77 76
✉ wicona.es@wicona.com

Estonia / Latvia
75312 Rae vald Harjumaa
☎ +372 657 66 35
✉ info@wicona.ee

France
02200 Courmelles
☎ +33 3 23598200
✉ info@wicona.fr

Germany
89077 Ulm
☎ +49 731 3984-0
✉ info@wicona.de

Hungary
1031 Budapest
☎ +36 (1) 4533457
✉ info@wicona.hu

Ireland
Dublin D22 X286
☎ +353 1 4105766
✉ info@wicona.ie

Italia
20063 Cernusco sul Naviglio MI
☎ +39 02 924291
✉ info@wicona.it

Kosovo-Albania
Prishtina 10000, Kosovo
☎ +38 349 28 02 22
✉ info@wicona.de

Lithuania / Latvia
02244 Vilnius
☎ +370 5 2102587
✉ info@wicona.lt

Norway
2007 Kjeller
☎ +47 22 42 22 00
✉ wicona@wicona.no

Poland
93-428 Łódź
☎ +48 42 683 63 73
✉ wicona.pl@hydro.com

Romania
032332 Bucharest
☎ +40 724 743 070
✉ info@wicona.de

Serbia
11070 Beograd
☎ +381 11 312 18 35
✉ info@wicona.de

Slovakia
82105 Bratislava
☎ +421 918 725 098
✉ info@wicona.sk

Slovenia
2201 Zg. Kungota
☎ +386 2 620 99 70
✉ info@wicona.de

Sweden
574 81 Vetlanda
☎ +46 470 78 74 00
✉ wicona@wicona.se

Switzerland
5506 Mägenwil
☎ +41 62 887 41 41
✉ info@wicona.ch

United Kingdom
Tewkesbury, GL20 8SF
☎ +44 1684 853500
✉ info.wiconauk@wicona.com

China
Beijing 100005, P.R.C
☎ +86 10 6059 5686 ext. 805
✉ contact.wicona.international@wicona.com

Singapore
608831 Singapore
☎ +65 6513 2126
✉ contact.wicona.international@wicona.com

United Arab
Emirates Dubai
☎ +971 4 887 00 96
✉ contact.wicona.international@wicona.com

United States of America
☎ 1+(516) 519-4635
✉ info.na@wicona.com

Other countries
31037 Toulouse
☎ +33 5 61312626
✉ contact.wicona.international@wicona.com