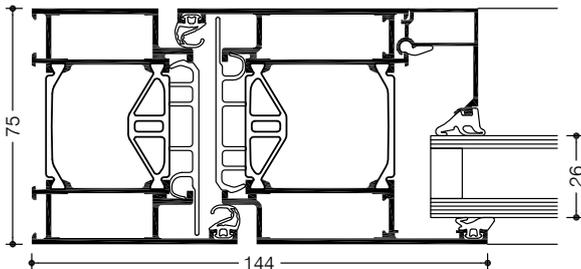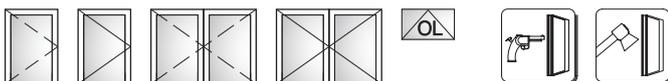# WICONA

» WICSTYLE 75 evo Hinged door

With a 75 mm profile depth, WICSTYLE 75 evo puts itself ahead in terms of thermal insulation and physical features. Its outstanding technical performance and application range make it the ideal door solution for all current and future requirements in architecture, both in new buildings and in renovations.

Technical performance:

Profile technology:
- High insulation multi-chamber system in symmetric design, quality assured thermal insulator connection
- For single and double leaf hinged doors
- For inward and outward opening
- For glass or panels with infill thickness from 6 mm to 60 mm
- Various threshold profiles with or without thermal break, also barrier free
- Fanlights, lateral glazings fixed or opening in combination with WICLINE evo window series
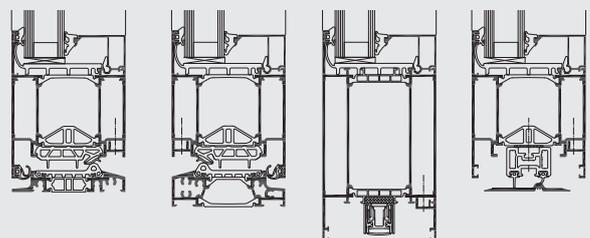
Thermal insulation:
- U_f values: from 1.6 to 1.8 W/(m²K), without foam inserts

Hardware:
- Butt hinge
- Screwed hinge
- Concealed hinge
- Leaf sizes (w x h): 1400 mm x 2520 mm
- Max. leaf weight: until 200 kg, for bullet resistance with additional hinges until 400 kg

Additional designs:
- Double action doors
- Integration frame for stick façades
- Burglar resistance in classes RC1 to RC3
- Bullet resistance in class FB4
- Leaf overlapping infill on one side or on both sides

System test results / CE product pass in accordance with DIN EN 14351-1:2006+A1:2010

Air permeability:	Until class 2
Watertightness:	Until 7A
Resistance to wind load:	Class C2
Acoustic performance:	R_W (C; C_{tr}) until 43 (–2; –5) dB
Operating forces:	Class 2
Load bearing capacity of safety devices:	Fulfilled
Mechanical strength:	Class 3
Repeated opening / closing:	Until class 7 (500 000 cycles)
Impact resistance:	Class 1
Behaviour between different climates:	Until class 2(e) 2(d)
Burglar resistance:	RC1N, RC2N, RC2, RC3
Bullet resistance:	Until class FB4 NS
Quality assurance:	Certified according to ISO 9001:2008
Environmental management:	Certified according to ISO 14001

Specific application data see ift product pass

WICSTYLE threshold options