

PBI
50N

WINDOW AND DOOR SYSTEM
WITHOUT THERMAL INSULATION

great selection of profiles

PBI 50N - SYSTEM FEATURES

- the system can be used to construct partitions and other internal constructions, such as: swing doors, service windows, non-supporting partition walls, display windows and boxes that do not require thermal insulation,
- possibility of creating large-dimensioned constructions due to wide selection of profiles (including reinforced mullions),
- possibility of constructing outwards and inwards opening doors, all-glass, single-leaf and double-leaf doors,
- possibility of manufacturing smoke-proof constructions,
- possibility of creating swing doors and service windows,
- possibility of creating arched constructions,
- possibility of setting the walls at any angle,
- possibility of creating all-glass structures,
- profile depth (50 mm) makes it one of the most durable on the market,
- it is possible to connect it with all YAWAL systems.



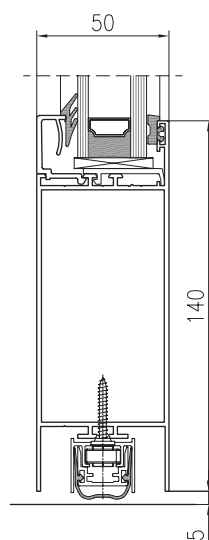
See the product
on the website

Picture: PGE Turów Arena in Zgorzelec

Design: Archimedia, Poznań

Aluminium manufacturer: APS System Sp. j., Częstochowa

CROSS SECTION THROUGH PBI 50N DOOR



PBI 50N – WINDOW AND DOOR SYSTEM
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TECHNICAL PARAMETERS – PBI 50N

SAFETY	Operation force EN 12046	Class 2
	Mechanical life EN 12400	Class 5
	Smoke proofness EN 13501-2	Class Sa S200
	Static torsion EN 1192	Class 3 (300 N)
	Static load EN 1192	Class 3 (800N)
	Impact resistance to soft and heavy body EN 11992	Class 3 (120 J)
	Impact resistance to hard body EN 11992	Class 3 (5 J)
	Flame spreading EN 11992	Class 3 (5 J)

TECHNICAL PROPERTIES – PBI 50N

		Service window	Doors of window profiles	Swing door	Standard door	Top-hung door
Structural thickness of frame	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm
Leaf structural thickness	57 mm	21,8/45,5 mm	57 mm	50 mm	50 mm	50 mm
Glazing bead height	20/22 mm	20 mm	20/22 mm	20/22 mm	20/22 mm	20/22 mm
Infill thickness	6 ÷ 43 mm	4 ÷ 6,4 mm	4 ÷ 43 mm	4 ÷ 43 mm	4 ÷ 43 mm	6 ÷ 34 mm
Maximum dimensions L x H – internal doors single-leaf	500 ÷ 1400 mm x 500 ÷ 2500 mm					
Maximum dimensions L x H – double-leaf internal doors	1000 ÷ 2400 mm x 500 ÷ 2500 mm					