

AW86

Unitised Curtain Wall System

The AW86 system has been specifically designed and engineered for the construction of façades in multi-storey buildings. The individual units are pre-fabricated off-site and then installed using cranes, without the need for scaffolding or external access. This allows workers to operate safely from inside the building, significantly reducing installation times and ensuring a high-quality finish of the assembled components.

FEATURES

- › The S variant features a frameless façade achieved through structural bonding of the glazed elements
- › The B variant, on the other hand, uses an external glazing bead that mechanically retains the glass, resulting in a framed façade

OPTIONS

- › Available in tilt, casement, tilt-and-turn, fixed light, single sash, and double sash versions
- › A “Split Wall” option is also available, in which a grid structure composed of H-shaped frames is installed using quick-connection components



SPECIFICATIONS

PERFORMANCES AND CERTIFICATIONS

	AW86
Acoustic insulation	42 dB
Air permeability (fixed EN12152)	Class AE ₉₀₀ (900 Pa)
Air permeability (openings EN12152)	Class 4 (600 Pa)
Water tightness	Class RE ₁₉₅₀ (1950 Pa)
Wind resistance	2000 Pa

SYSTEM SPECIFICATIONS

Width	86 mm
Minimum sash/tilt-and-turn sash	130 kg
Maximum sash/tilt-and-turn sash	180 kg
Max top-hung sash/tilt-and-turn sash	180 kg
Maximum parallel opening	200 kg
Single sash	160 kg

AVAILABLE WINDOW AND DOOR CONFIGURATIONS

Fixed glazing	✓
Sash/tilt-and-turn sash	✓
	✓
Casement	✓
Projecting sash/tilt-and-turn sash	
Pantograph opening	✓
Single sash	✓
Double sash	✓

GLAZING

	Subject to contract requirements
Glazing options	
Glass thickness	Subject to contract requirements

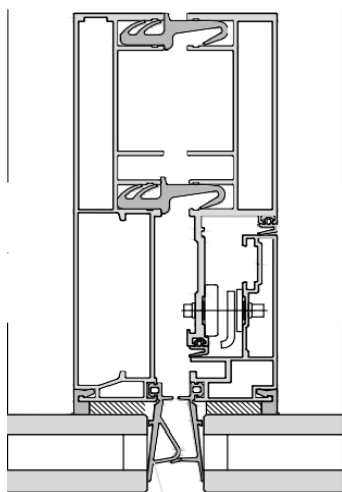
DESIGN

Drainage	Drainage zone
Dry-glazed option	✓

SECTIONS AND DETAILS

Further details are available upon request

➤ AW86S



➤ AW86B

