



AS 80US

window system with hidden sash

The AS 80US system was developed for single and multiple casement windows with the desirable aesthetic effect of a hidden sash in the external view of the building. All adjacent fixed and tilt & turn windows look alike. AS 80US is compatible with all ALURON aluminium systems.



WINDOWS

- 3 thermal insulation variants available
- Hidden window gasket
- Arc constructions, including welded
- Aluminium drainage end-caps
- Suitable for smart buildings
- Integral with all other ALURON systems

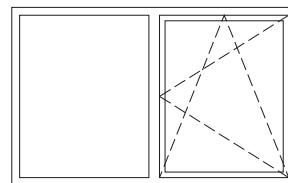
SELECTED FEATURES AND SYSTEM PARAMETERS

Window frame depth	80 mm
Glazing range	up to 68 mm
Window sash depth	84 mm
Triple-chamber construction	YES
Window thermal insulation U_w	from 0,71 W/m ² K
Waterproof	E 1950 Pa
Air permeability	4 class
Wind load resistance	C3

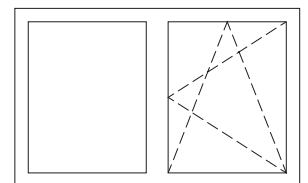
Full-glass corner in the AS 80 US system



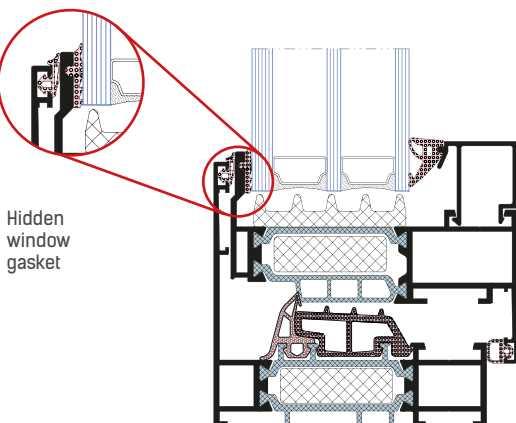
DIFFERENCE IN VIEW



The view of traditional AS 75 window



The view of AS 80US window with hidden sash



Hidden window gasket

Heat transfer U_w coefficient for sample window 1.23 x 1.48 [m]

	U_w [W/m ² K]			
	$U_g=0,5$	$U_g=0,6$	$U_g=0,7$	$U_g=1,0$
AS 80US T1	0,92	1,00	1,07	1,37
AS 80US T2	0,87	0,90	0,98	1,26
AS 80US T3	0,77	0,85	0,92	1,20