



**Albio 109C** was designed taking into account the latest technological achievements in window system design. It has accomplished high performance on thermal insulation due to its 24mm width polyamide profiles. The excellent air-permeability test results and the ability of using up to 44mm thick glazing units offer high sound insulation. The use of multiple locking mechanism in combination with thermal-breaking, make **Albio109C** an absolutely secure system. The system also includes two diffe

1	Aluminium alloy	AlMgSi 0,5 F22, DIN 1725
2	Powder coating	according to the QUALICOAT quality sign
3	Anodising	according to the QUALANOD quality sign
4	Dimensional tolerances	EAOT EN 12020-2
5	Gaskets	EPDM / EPDM Foam
6	System classification according to European Standards	Air permeability Class 4 Watertightness Class 5A - 7A Resistance to windload C2 - C3
7	Thermal-break	24mm (PA 6.6, 25% GF)
8	Thermal transmittance coefficient	$2,2 \text{ W}/(\text{m}^2\text{K}) < U_f < 3,3 \text{ W}/(\text{m}^2\text{K})$ , EN 10077-2
9	Weighted Sound Reduction Index for glass	45mm, RW = 43 dB
10	Frame dimensions	width 72 to 77mm, height 53mm
11	Sash dimensions	width 75 to 51mm, height 74 to 96mm
12	Glazing thickness	17 to 45mm
13	Euro groove	compatible with CAMERA EUROPEA fittin

rent profile patterns, oval and classic.