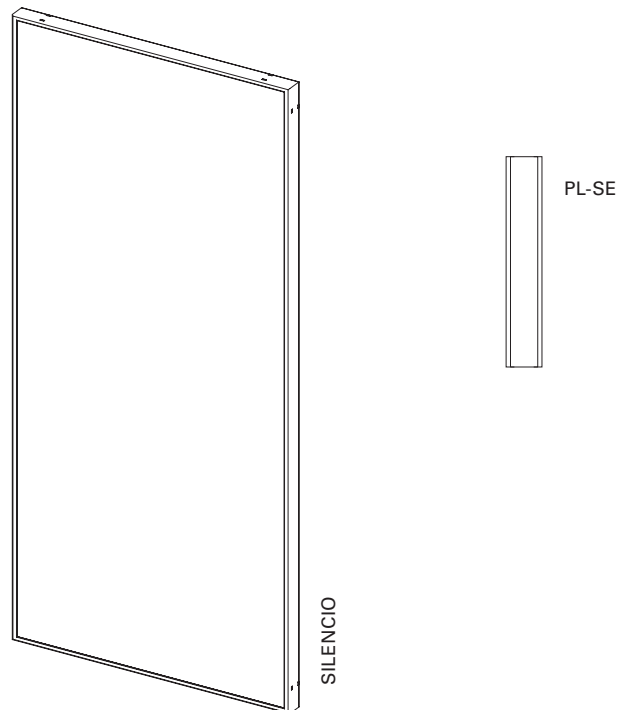
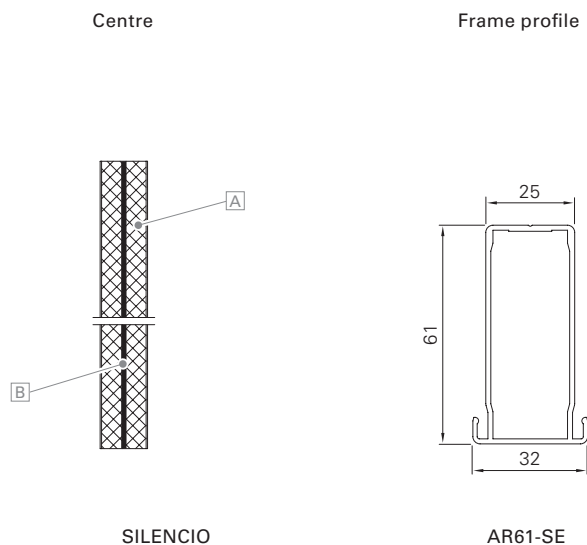


SILENCIO



Surface	Fine structure matt (standard), silk gloss, matt Powder-coated 200 °C before assembly
Colours	RAL Classic, RAL Design, NCS, VSR
Finishes	Wood, stone, rust
Pretreatment	Ocean Line Plus possible
Notes	Drain holes at bottom of frame Single rail only Bottom guide: Type B – Continuous guide
Bimetal effect	<p>Depending on the intensity of the sun, e.g. on the south side of a building and the cooler side that faces the window, the shutter in this model has a slight tendency to bend. This means that the aluminium sheet, which faces the sun, expands when it gets hot (coefficient of thermal expansion in aluminium) and the aluminium sheet that faces the window remains the same. This can cause a slight bending of the shutter, known as the „bimetal effect“.</p> <p>The resulting shrinkage of the sash height is no more than around 1.3 mm and does not affect the lower guide, as there is sufficient overlap between the lower sliding shutter guide profile and the guide T-profile if installed correctly. This bending – max. 15 mm in the centre of the sash with a sash size of approx. 2500 mm and a temperature difference of approx. 45°C – negates and the shutter returns to its original position when the temperature goes down. This is a normal effect of physics and has no impact on the quality of the materials and how they operate.</p>





Min./Max. dimensions	Width: 650 to 1300 mm Height: 800 to 2500 mm
Weight	Approx. 12 kg/m ²
Frame profile	61 × 32 mm extruded aluminium hollow chamber profile
Centre	Sound insulation panel [A] made of extruded rigid polystyrene foam incl. sound-deadening core [B] 2 × 1 mm aluminium plate, inserted and pressed together on both sides
Corner connection	Glued-in aluminium bracket with visible notch in the outer frame
Soundproof	Sound-deadening value R_w = approx. 28 dB (dependent to the situation at the building) Due to structural installation conditions, including façade surface, reveal depth, window area or shutter size, values may vary and must be measured during an individual examination for each project.
Options	Electric drive