

**PERGOLINO P3500**

Awning fabric cover. Box made of extruded aluminium profile (dimensions: 165 x 177 mm), one-piece in rounded form as structural support component with profile groove for the guide holders. Side cover made from aluminium casting alloy as a box end for containing the roller tube or the motor bearing. The awning is held by adjustable wall brackets made of cast aluminium alloy on the facade or combined with angle brackets for installation on ceilings. Roller tube (ø 78 or 100 mm) of galvanised steel with groove for accepting awning cover. Front rail (dimension 147 x 88 mm) made from an extruded aluminium chamber profile with accepting grooves for the cover and runners of the pull and tensioning system. When the front rail is retracted, the box is completely closed. Guide rails made from extruded aluminium profiles (dimension 118 x 77.5 mm). Guide rails with slip slot for the plastic roller conductors, hollow chamber for the integrated gas pressure spring mechanism and stainless steel cable pull system for moving the cover. The guides have a front rail stop for optimum cloth back tension. With a maximum side overhang of 100 cm (both left and right), the system can be optionally segmented. The guide rails are supported by support profiles made from extruded aluminium profiles (dimension 60 x 60 mm) connected to floor sleeves or foot plates.

The aluminium profiles and aluminium cast parts are powder-coated in facade quality. All visible screws are made from stainless steel. The cover with a spindyeed acrylic cloth (price category 1), sewn with tear-resistant Tenera thread, colour fast, very high UV protection, good tensile strength, water and dirt resistant is from the STOBAG collection.

**Drive**

Tubular motor with electronic limit switch and integrated radio receiver (RTS). 120 VAC, 60 Hz with electromechanical brake and thermal protection, Index Protection Rating IP44(Water protection), with 3 wire/conductor cable

**Options****Wall junction profile**

Aluminium extruded wall junction profile incl. side cover of aluminium sheet is attached to the facade to prevent rainwater dropping between the facade and the awning.

A range of automation options for switching and controls are available.