RIVERA P5000

Terrace roof system comprising an aluminium extruded structure and integrated fabric shading. The structure is designed for wall and ceiling mounting and comprises two lateral carriers (dimension 80 x 150 mm). The brace in the front comprises two support profiles (120 x 80 mm) and a transverse profile (117 x 150 mm). The transverse profile also acts as a gutter and drains the water via lateral gutters as standard. To guarantee optimum drainage of the water forwards over the PVC fabric can be guaranteed, an incline of 8° up to max. 25° must be respected.
The shading consists of a fabric which folds up when retracted or tensioned when extended. The fabric is connected to cord profiles (36 x 70 mm), which vary in number depending on the projection. To prevent the ingress of water, a cord is attached to both sides of the fabric and a brush seal to the lateral guides.

Wind resistance
The system satisfies wind resistance class 4 when extended (tensioned fabric) or to 150 km/h when retracted. (DIN 13561 compliant)

Cover
Polyester fabric (630 g/m²) with polyvinyl chloride coating and high-grade surface texture making it suitable for continuous outside use. Material thickness 0.5 mm. Washable and watertight up to a water column of 3000 mm. Burning behaviour flame-resistant class B1 in accordance with DIN 4102-1.

Drive
Electric drive with electronic end stop to tension. Power feed 230 V/50 Hz. IP protection class 44. The force is transmitted to the front rail on both sides via a Kevlar-reinforced toothed belt

Option

Drainage
Optionally, water can be drained away via lateral gutters or through the supports.

Top board
3 bevelled plates are mounted on two square profiles (extruded aluminium dimension 50 x 120 mm). Maximum projection 972 mm.

Integrated LED lighting
The support profile has a groove for an integrated light, which is aligned 45° towards the inside of the system and in which a white (warm white) LED light strip or LED RGBW light strip can be installed. This is covered by a reflective plastic profile.

Operating the white LED light strip:
– Switch on/off/dim using an external light switch/dimmer.
– Use wireless (Somfy io) to switch on/off/dim.

Operating the RGBW light strip:
– Use wireless (Somfy io) to switch on/off/dim/change colors.

Glazing
The all-glass sliding system SV1020 can be used as front and side glazing. The fixed glazing system SV1051 is used as side glazing (e.g. as a wedge) in combination with SV1020. The max. front or side surface of 15 m2 per side must not be exceeded.