

LAPURE®

Minimalist patio cover with waterproof sun protection screen roof



The stylish, minimalist Lapure consists of a windproof and waterproof sun protection screen roof that rests on elegant, discreet aluminium columns. Lateral connections do not interrupt the view. Lapure is anchored to an existing wall.

When the roof is closed, Lapure provides protection from the sun, wind, and rain. When the roof is open, you can enjoy the sun without the minimalist structure disrupting the view.

There are two types of columns for the Lapure: columns and 'end columns' with water drainage [via side channels, even when half open]. You can also opt for 'shifted columns' [with roof overhang and water drainage via gutters, even when half open]. The latter has a roof overhang that juts out past the columns so as to provide the optimum amount of shade. This lets you enjoy enough shade, even when the sun is low in the sky, for instance [installation on west-facing façades].

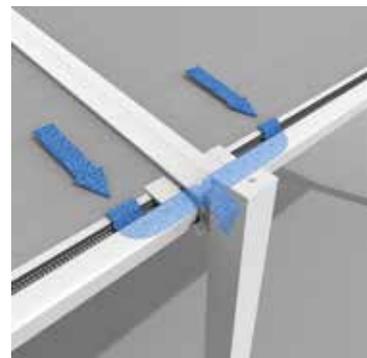
A 'coupled' version of both types is also available so that two roofs can be installed perfectly next to one another so that they span across larger areas [just 1 column to be joined].

Thanks to the wide range of colours for the structure and the screen fabric, Lapure blends in to every environment and suits every architectural style.

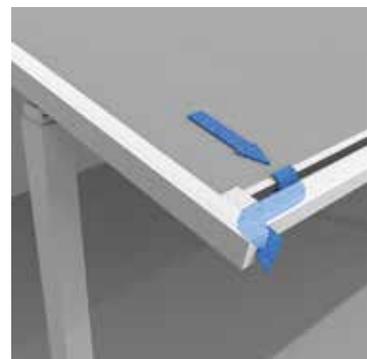
The front and side can be closed off with surfaced-mounted Fixscreens, optionally in combination with an easy passage.

LAPURE® 'CLASSIC LINE'

The Lapure 'Classic Line' is the traditional design version of the Lapure, but with the same modern technology. Thanks to the profiled columns and specially designed decorative elements, such as the finials [globe and diamond shaped], the Lapure 'Classic Line' is more suited to a more classic interior style.



Coupled version with end column

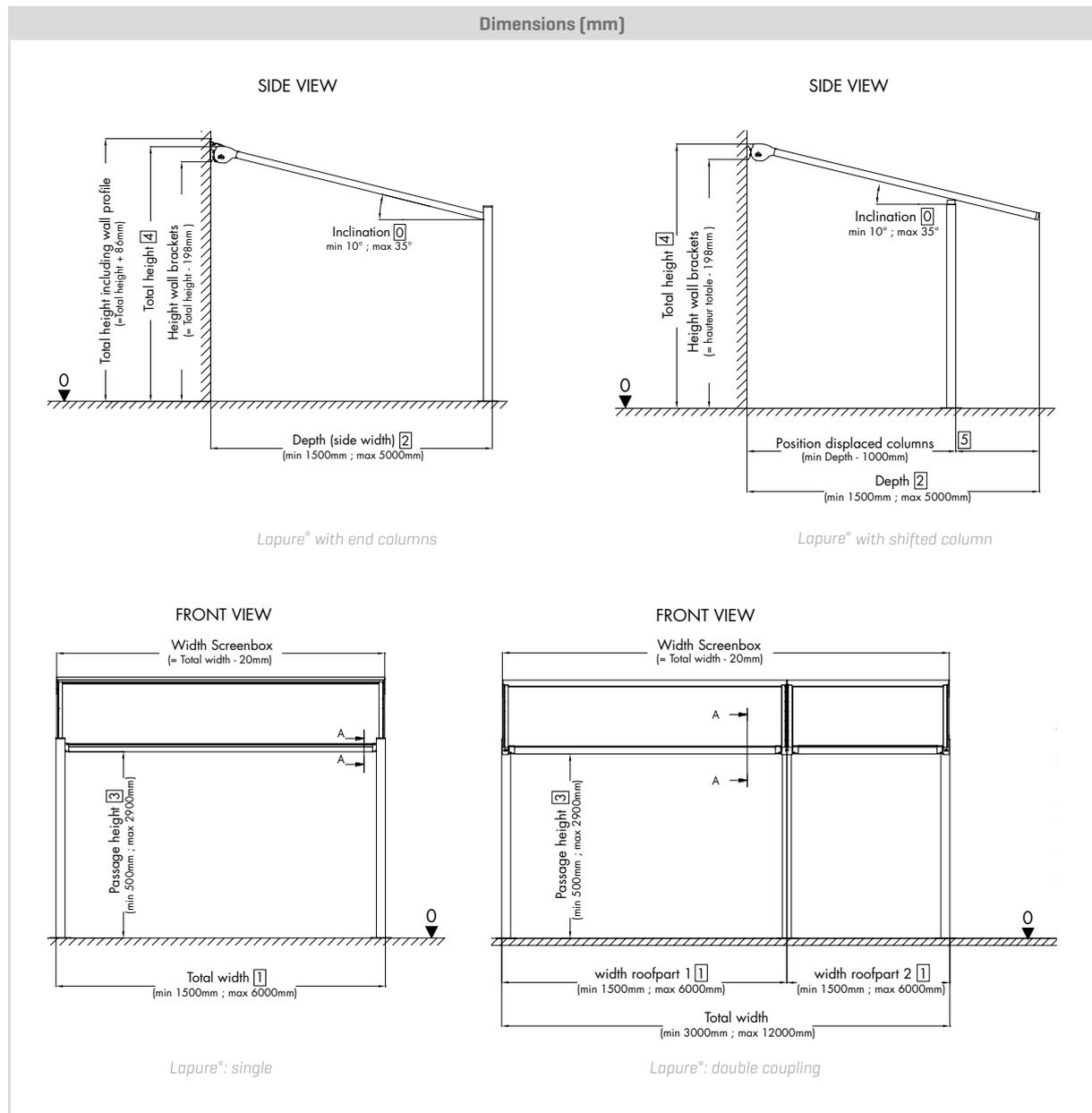


With shifted columns



Lapure Classic Line

DIMENSIONS

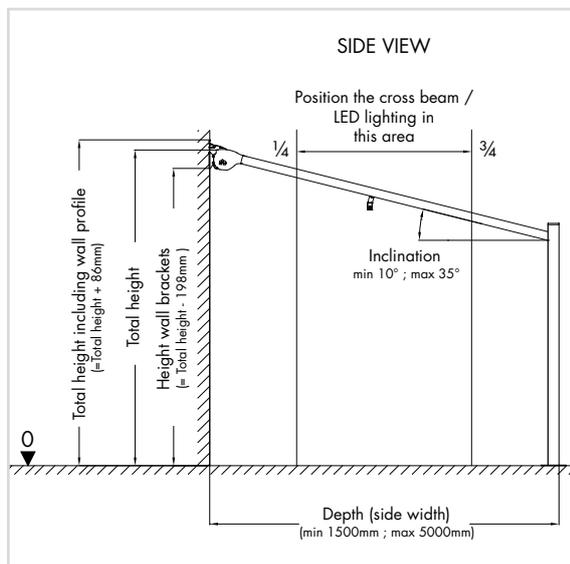
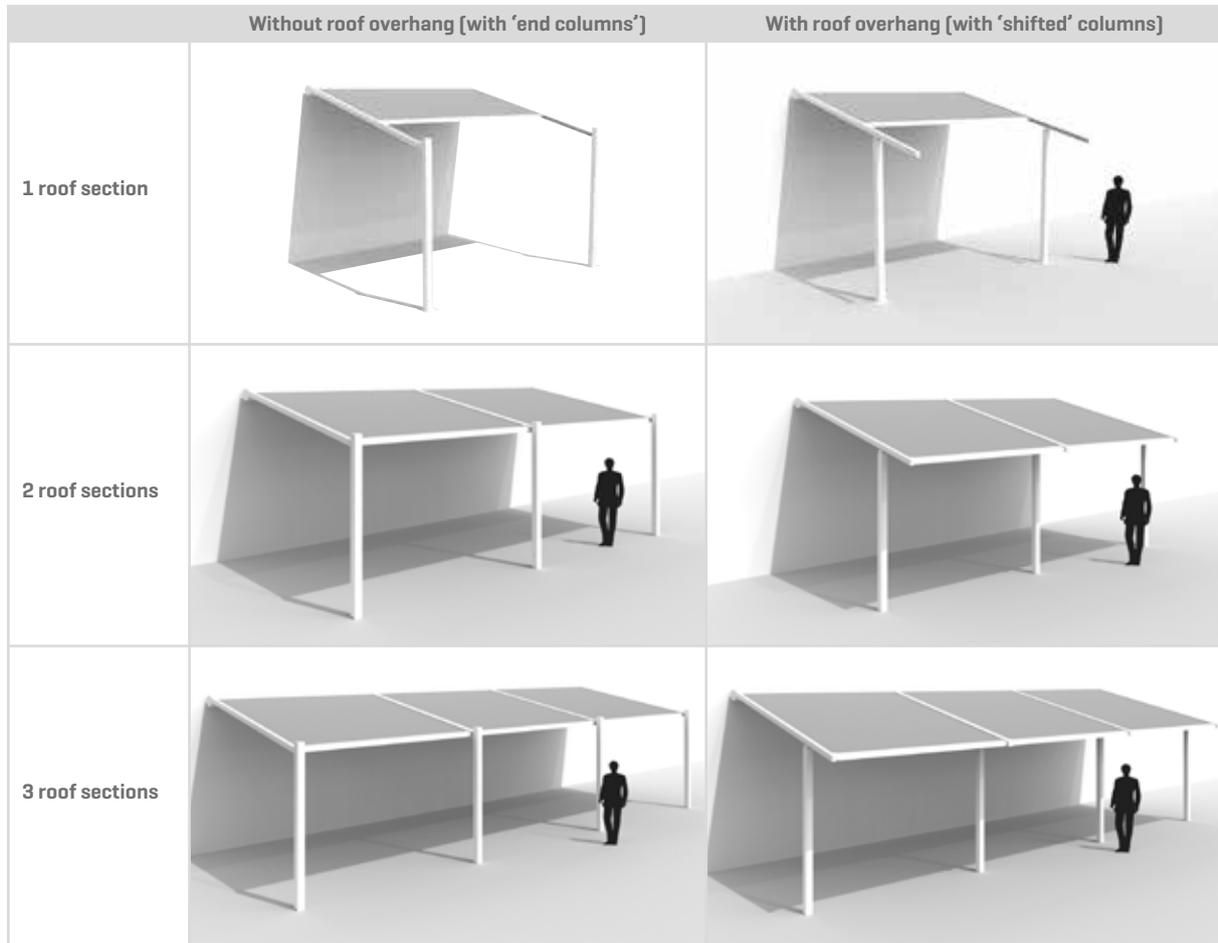


Width	1 = Min. 1,500 – Max. 6,000 mm
Joinable up to	1 = Max. 3 x 6,000 mm
Depth [projection]	2 = Min. 1,500 – Max. 5,000 mm
Passage height	3 = Min. 500 – Max. 2,900 mm
Total height	4 = Dependent on the set angle of inclination
Angle of inclination	0 = Min. 10° – Max. 35°
Roof overhang	5 = Max. 1,000 mm



It is possible to combine an end column and shifted column

TYPES



LAPURE®

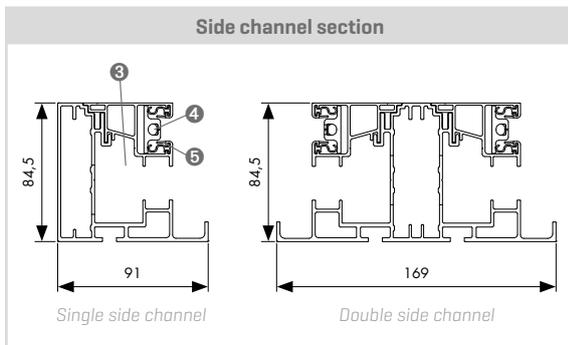
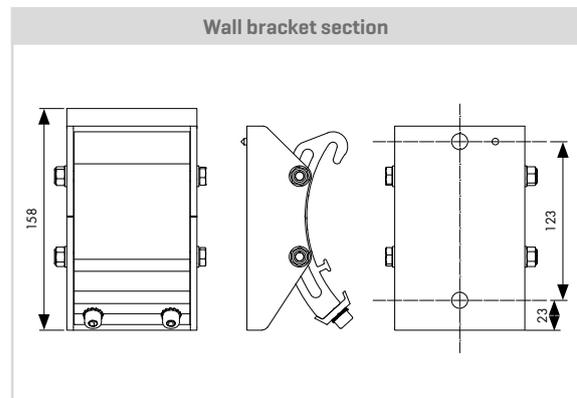
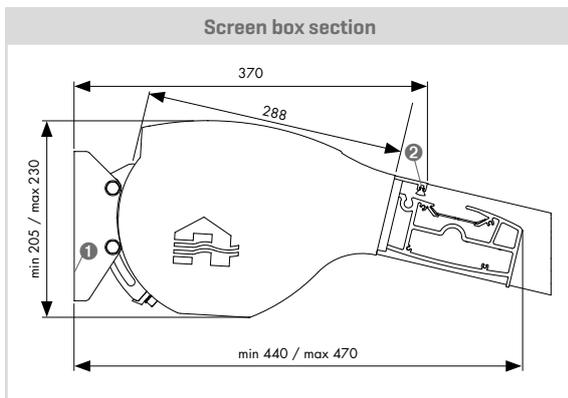
SCREEN BOX

The Screen box is 288 mm deep and 205 mm high.

This box is made of extruded aluminium components and is secured using adjustable wall brackets ❶.

Brushes ❷ are fitted along the entire length of the box, above and below where the fabric goes into the box. This reduces dirt, wind, and noise.

The sides of the fabric box are each fitted with two aluminium endcaps that function as a finishing element.

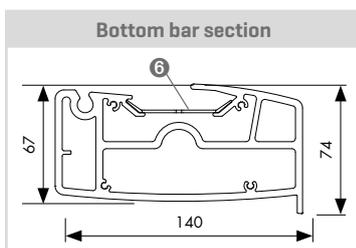


SIDE CHANNELS

The self-bearing 'single' side channels (W91 x H84.5 mm) are made of self-bearing, extruded aluminium. The side channels are fitted with a concealed drainage gutter so that any rainwater landing on the fabric is drained away via the side channels and the bottom bar to the columns (for Lapure with end columns). The side channels for the Lapure with shifted columns serve as 'gutters' as the water is not drained off via the columns. A 'double' side channel is used (W169 x H84.5) with a coupled Lapure.

The trolleys' wheels for the bottom bar run through chambers ❹ in the side channels. This allows for perfect guidance of the bottom bar when moving. These side channels provide, together with the trolleys, mechanical security on the bottom bar.

An internal H-PVC side channel ❹ is integrated into every side channel. The side channel contains two S-shape neoprene gaskets ❺ along the entire length of the side channel to compensate for gusts of wind. The zipper, which is welded to the fabric, is threaded through these internal PVC side channels, thus 'holding' the fabric in place. When assembled correctly, there is enough tolerance between fabric and aluminium side channels to guarantee ease of use.

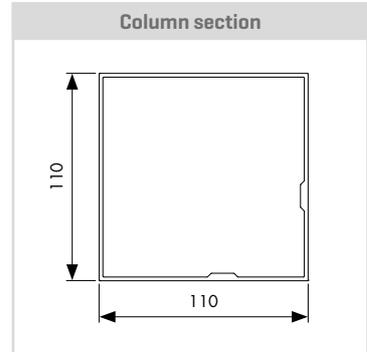


BOTTOM BAR

The bottom bar (W67 x H140 mm) is made of extruded aluminium. A left and right trolley is fixed laterally to this aluminium profile. The trolleys are fitted with wheels that guide the bottom bar in the side channels. A black, plastic internal leaf catcher ❻ is installed in the bottom bar. This catches dirt so that the drainage channels do not become clogged.

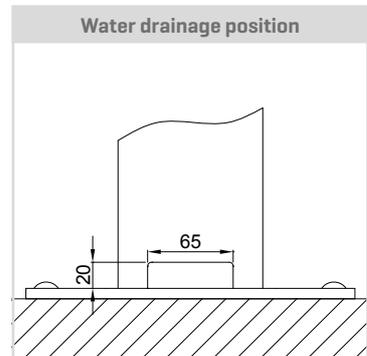
COLUMNS

The side channels are supported by aluminium vertical columns of 110 x 110 mm. The columns can either stand at the end of the side channels (with 'end columns') or underneath (with 'shifted' columns). The column forms the foundation for the water drainage (for the Lapure with end columns) and the fixation of the mounting bases.



MOUNTING BASES

The Lapure is fixed to the ground using a visible mounting base. There are four types of mounting bases available that must be fixed in place using the provided anchors. The appropriate fixation materials must be used depending on the mounting surface. Any water drainage via the mounting bases always runs 'off the terrace'.



CROSSBEAM AND LED LIGHTING

For widths greater than 4,000 mm, a crossbeam provides the structure with additional sturdiness. As desired, this profile (45 x 70 mm) is installed at a distance of 3/4 to 3/4 of the depth. This preserves the panoramic view. In addition, the crossbeam can be fitted with a dimmable LED lighting that is adjustable by 35°, so that the light beam under each inclination can be directed vertically.



LED beam

LAPURE 'CLASSIC LINE'

The classic finish of the end columns with spherical and diamond shaped finials and decorative lines in the columns makes the Lapure 'Classic Line' a durable, maintenance-friendly solution with a beautiful, classic appearance. This patio cover can be pleasantly combined with a rustic or classic style.

FIXATION

All fixation elements (e.g. screws) are made of stainless steel and are practically invisible.



Diamond finial



Spherical finial



Fixscreen® integration with easy passage