

ASTANO TR4520 Hardtop

Horizontal roof system comprising a continuous cubic frame (extruded aluminium profile dimension 230 x 115 mm) and a lamella canopy. The frame can be fastened directly to a structure, thereby permitting a soffit mounting or a suspended or mounted assembly with additional angle brackets. The water runs off through a circular gutter integrated in the frame, where the water flows in via the lamellas. The gutters drain through suitable pipework in each corner.

The lamellas can be swivelled steplessly to a maximum of 115°, which ensures optimum setting of the desired light conditions. The lamella roof protects against rain when closed. In the slightly opened position a heat build-up is prevented by the bioclimatic air circulation, thereby ensuring a pleasant climate.

The slat roof is particularly water-repellent, but not completely waterproof.

Wind resistance

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

Snow load

The system is able to withstand a snow load of up to 110 kg/m²

Drive

Operated via a low-noise electric cylinder with mechanical limit stop. 24 V supply, IP66 protection class. The cylinder opens and closes the lamellas via a carrier profile.

Option

Tilt-Box io

Standard supplied with temperature protection switched on (without Tilt-Box = NO temperature protection).

Drainage

The water can be drained through suitable pipework to the desired corner. 1 water run-off is required for lamellas with a surface area of 12 m², and 2 run-offs for a surface area up to 24 m².

Integrated LED lighting

Up to three lamellas (position freely selectable) can be equipped with light. A groove, in which a LED light strip (warm white) or RGBW light strip is installed, is provided in the lamella profile for the integrated lighting. 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.

Adaptive LED lighting

A triangular aluminum LED profile can be suspended from the frame profile at the integrated water channel. The built-in white (warm white) LED light strip or RGBW light strip is covered by a reflective plastic profile. The flexible mounting enables direct or indirect lighting to be selected.

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.