

Construction of Tensioning Frames

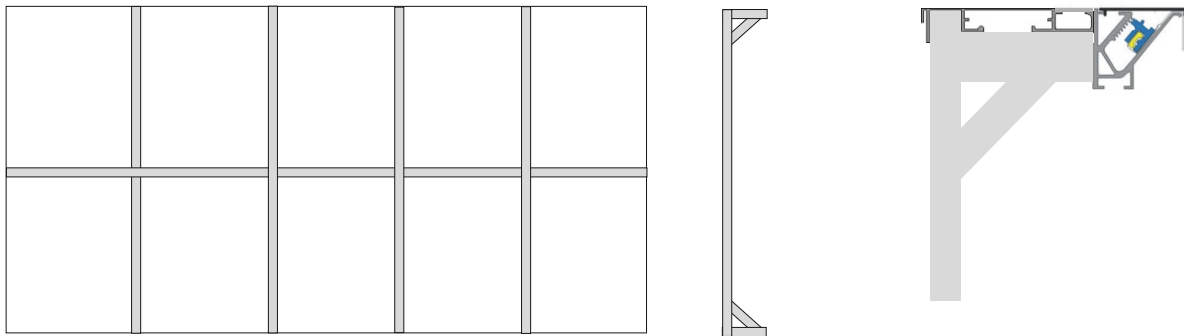
Because of the wind load and the tensioning of the fabric itself pulling forces act on the circumferential sides of a tensioning frame.

Therefore it is necessary to construct a support frame on which the actual tensioning profiles ("bleed" or "classic") can be mounted.

The sides of the system can be covered with simple aluminum sheets or with the suitable side profiles in 110, 160 or 180 width.

The fabric is tensioned with clips and mandrels in the frame and should be first placed in the top edge in the first notch.

Afterwards the lateral fixation takes place also in the first notch, thereafter the second lateral attachment with maximum strength. If the fabric is tensioned properly without any wrinkles finally the lower edge can be tensioned.



Support frame out of square profiles (e.g., 40x20x3) in a horizontal and vertical pitch of 80 to 100 cm