

Tensioning System PRO

The system PRO is used for the production of backlit and frontlit boxes with the help of the tensioning technology.

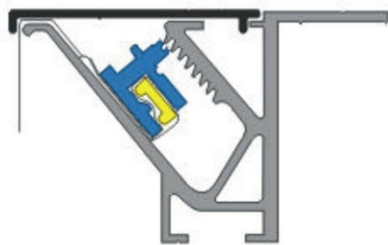
It consists of three tensioning frame profiles with matching covers, aluminum clips and two types of mandrel (depending on the thickness of the vinyl fabric). The clips (clip and madrel) can be delivered in 4 cm lengths or as profiles.

The depth of the lightbox can be easily varied by using the dedicated side profiles 110 and 160 mm, allowing to choose between 165 and 215 mm of total depth for optimal light distribution.

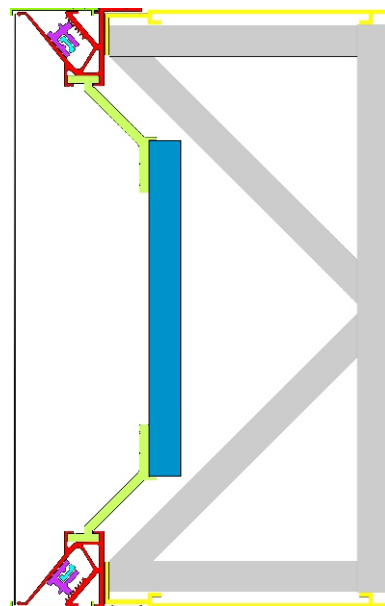
Frame "bleed" in combination with side profile 110 and two supports, gives the possibility to construct a lightbox without welding and with a detached front face (or with upwards opening, when using standard hinges).

When retrofitting boxes with acrylic cover to a tensioning frame the frame bleed (SF 0260) is screwed onto the existing lightbox profile.

In order to counteract the wind and tensile forces acting on the fabric the support profile (SFW 0201) should be used to place vertical struts (20 x 20) behind the fabric in an approximately 1 m interval.



Frame "bleed" with cover, clip (blue) and mandrel (yellow)



Frame bleed (red); with support profile (green) and vertical strut 20x20 (blue).

When retrofitting an existing system, the support structure (gray) is not needed.