

Press release

The Screen Progress fabric, a major innovation bearing the Mermet signature

All Mermet's textile know-how can be found in the Screen Progress, a fabric with a progressive openness factor of between 3% and 17%. This interior solar protection fabric offers optimum visual and thermal comfort while allowing natural light to enter. An exclusive feature that also reduces energy consumption by artificial lighting in buildings.

Screen Progress from Mermet, a single solution offering three functions

A genuine innovation, the Screen Progress is the first fabric to simultaneously control incoming natural light and glare, thanks to its progressive weave.

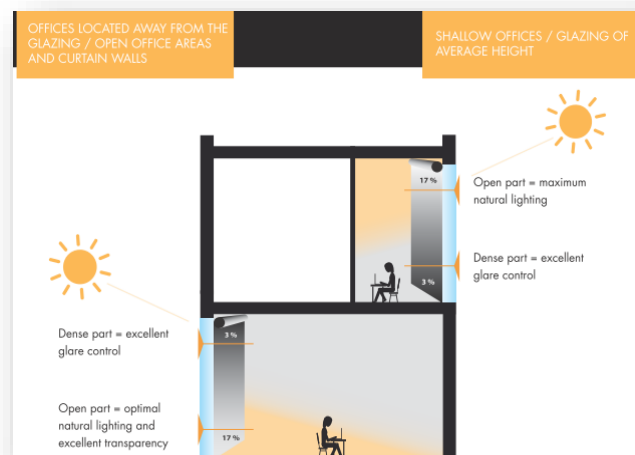
For example, for the colour sombre charcoal 3030:

- The open section (OF 17% maximum) positioned at the top or the bottom of the blind lets in natural light (Tv = 17%) and offers perfect transparency;
- The dense section (OF 3% minimum, Tv = 3%) controls glare, restricts unwelcome reflections on computer screens and offers optimum comfort at work stations.

Regardless of the position of the blind, natural light will continue to enter the room via its open section. This also reduces energy consumption by artificial lighting in buildings.

In the case of open office areas and curtain walls, the upper part of the large glazed area is likely to cause significant discomfort due to the direct sunlight.

By placing the densest part of the Screen Progress fabric in the upper part, the brightness of the sun's rays is significantly reduced, thereby protecting the user from glare while ensuring a high degree of transparency in the lower part of the blind, and a gain of natural daylight.



When the workspace is located near windows or when the glazing is of medium height, the open weaving of the fabric is positioned in the upper part of the blind to illuminate the room from the ceiling, while providing perfect glare control at the workstations.

Available in a maximum width of 250cm, the fabric is produced in accordance with the demands of each individual building in the form of bespoke sheets:

- 160cm to 400cm high;
- openness factor adapted to the specific demands (minimum 3% and maximum 17%)

Available in the 22 colours of the M-Screen range, they are able to harmoniously integrate into all interior spaces.

Like all Mermet solar protection fabrics, the Screen Progress meets the health & safety demands of public buildings (Fire classification M1-NFP 92 503 / Euroclass C-s3-d0 / Greenguard®).

It guarantees excellent dimensional stability and a high level of durability (10,000-cycle mechanical endurance test, class 3NF EN 13120), in addition to perfect flatness.

With the Screen Progress fabric, Mermet once again shows that its reputation as a producer of intelligent solar protection fabrics is well deserved!

Nominated for the innovation awards at the EquipBaie exhibition, you can find out about this fabric at the Mermet stand - R15 in Hall 1.