

Veyrins Thuellin, 5th May 2011

PRESS RELEASE

Mermet solar protection fits the new facade of Heathrow Airport Terminal 4

Terminal 4, the second largest terminal at Heathrow airport in London with 14.2 million passengers a year and dedicated to long and medium haul flights, was recently totally refurbished with, in particular, a new glass extension. It uses one of the most advanced solutions for solar protection thanks to collaboration between Mermet and Levolux.

Mermet selected to provide optimum comfort

With the increase in the number of airlines, this departure hall, opened in 1986, was in need of modernisation. The addition of a glass wall 180 metres long adding 25 metres to the depth of Terminal 4 created a more spacious, lighter and more modern check-in area for the greater enjoyment of the passengers.

To avoid potential problems caused by glare and heat within this new area, in addition to the high-performance glass construction, Levolux put forward an effective solution of 33 interior roller blinds, each measuring 3.4 metres wide with a maximum height of 8.3 metres.

The Screen Vision SV 10% fabric in coated glass fibre was chosen from the Mermet® collection for its unique technical characteristics:

- very good transparency and maximum supply of natural light thanks to the basket weave 2X2 pattern, the 10% openness factor and the selected colour (3001 Charcoal Grey),
- perfect glare control with 90% of light rays filtered and reduction in the fading effects of the sun by blocking up to 90% of UV light,
- high mechanical resistance ensuring stability and performance over time,
- large widths (up to 310cm) optimise the construction of seamless fabric panels for large dimension bays.

For ease of use, Levolux also installed a centrally-controlled motorised system using preset operating programmes.

And finally, the selection of a light aluminium frame in a colour matching the Charcoal Grey of the Mermet fabric means the whole assembly integrates perfectly with the location's design.

Guaranteed passenger safety

Being both a location used by the general public and a very high building, the materials used for Terminal 4 had to meet a range of particularly demanding regulations spanning from glass able to resist a car bomb attack to solar protection fabric guaranteed as non-inflammable.

Mermet SV 10% meets these requirements:

- fire classification: M1 (F), BS (GB), Euroclass B,s3,d0 (EU),
- Oeko-Tex Standard 100 label class IV, conforming to health and safety requirements for establishments used by the general public,
- Greenguard® certification, with no emissions of Volatile Organic Compounds (VOCs)

Thanks to Mermet and Levolux, Heathrow Airport Terminal 4 has been revitalized with its new airy and bright space (£200 million of renovation work)... for a new take-off experience in comfort and safety!

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*Since 1st December 2010, the companies Mermet SAS and XLScreen SAS have joined together and now operate under the name MERMET SAS.
The Mermet SV 10% fabric is part of the new merged Mermet collection and replaces the E-Screen 7510 fabric.
New catalogue available in June 2011.*