

PRESS RELEASE

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## Mermet: from customization to tailor-made

For maximum customer satisfaction with increasingly high performance products, Mermet, the manufacturer of technical fabrics for solar protection, tensile structures, signage and acoustics, is offering alongside its Mermet® 2009-2012 collection, **a tailor-made product range: top-of-the-range customization for large projects.**

A new service providing the opportunity to acquire new and innovative products, specially created for individual architectural projects.

### A tailor-made service

The well-established Mermet R&D team is continually striving to develop technical fabrics for large-scale projects\* and is today in a position to offer:

- **Customized yarn colour schemes**

By designing unique colour schemes for the precise requirements of each project, Mermet combines the technical aspects of solar protection with elegance and aesthetics for the most complex of architectural projects.

- **A weave "à la carte"**

Thanks to its thorough technical understanding of the weaving process, Mermet is able to offer a weave which fully meets market requirements, especially in the areas of thermal and optical performance: A choice of openness factor (OF), choice of fabric width, choice of weave type (pattern more or less pronounced, level of aeration etc.). Everything is now possible.

- **Special coatings**

With its know-how and years of experience in the coating of glass yarns, Mermet is going one step further by offering 3 new types of coating for Sunscreen® fabrics:

- **Opale: The chameleon-like fabric which changes shade when viewed from different angles!**

Designed for interior applications, Opale consists of effect-changing pigments coated onto Sunscreen® fabrics (particularly well-suited to the Satiné 5500 or K2 fabrics which have a raised pattern), for an interferential effect with iridescent tones, giving a copper, pearl, silver or golden sheen...

This process improves visual comfort with the Opale side facing the glazing:

- the reflection of visible sunlight is increased four-fold when using a dark colour option\*\*,
- solar transmission and luminosity remain low: glare control while maintaining outside vision!

"Aurora Borealis", an example of the many possible solutions, therefore gives opalescent nuances for highly-decorative projects, improving the thermal and visual comfort of the occupants.

- **Diamond: The metallic Blockout fabric!**

Also for interior applications, Diamond is an M-Screen fabric treated on one side with an aluminium blackout coating which reflects sunlight.

This process allows you to use the decorative aspect of the M-screen fabric with its wide choice of colours as a 100% Blockout or semi-blackout fabric (depending on colour), while following the current trend for using aluminium.

With Diamond, the fabric reaches thermal reflection performance levels never before achieved, for an intimate "designer" solar protection in an interior application.

- **Cliniscreen: Mermet® fabrics serving public health!**

Designed for health establishments which require materials with bacteriostatic properties, Cliniscreen is a colourless treatment which is suitable for all Sunscreen® products. It prevents the development of the most common strains of bacteria (Gram-positive and Gram-negative) and helps to maintain a healthy interior environment.

Results show that 99.9% of the bacteria "Staphylococcus aureus" ATCC 6538 and "Klebsiella pneumoniae" ATCC 4352 are eliminated after a 24h incubation period\*\*\*.

This coating is colourless and does not alter the colour of the chosen fabric. It does not affect the optical and thermal performance, but purely and simply contributes to a healthier hospital environment.

By responding to very specific customer needs, both on an aesthetic and technical level, Mermet has once again demonstrated its ability to make a difference, with 3 additional solutions for solar protection fabric in all kinds of buildings. At Mermet, nothing is impossible thanks to the performance levels of its intelligent fabrics designed to adapt to all tastes and requirements.

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\* products not held in stock, minimum order value applies

\*\* "Aurora Borealis" effect on Satiné 5500 fabric, colour 3030 Charcoal, from tests carried out by the ISE Fraunhofer Institute according to European Standard EN 14501.

\*\*\* test carried out by an NF EN ISO/CEI 17025 accredited laboratory, test to determine antibacterial activity on the Satiné 5500 Cliniscreen-treated fabric, according to the NF EN ISO 20743 (2007) standard, part 10.2: Method by transfer.

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