

DESIGNER
OF INTELLIGENT FABRICS FOR
SOLAR PROTECTION

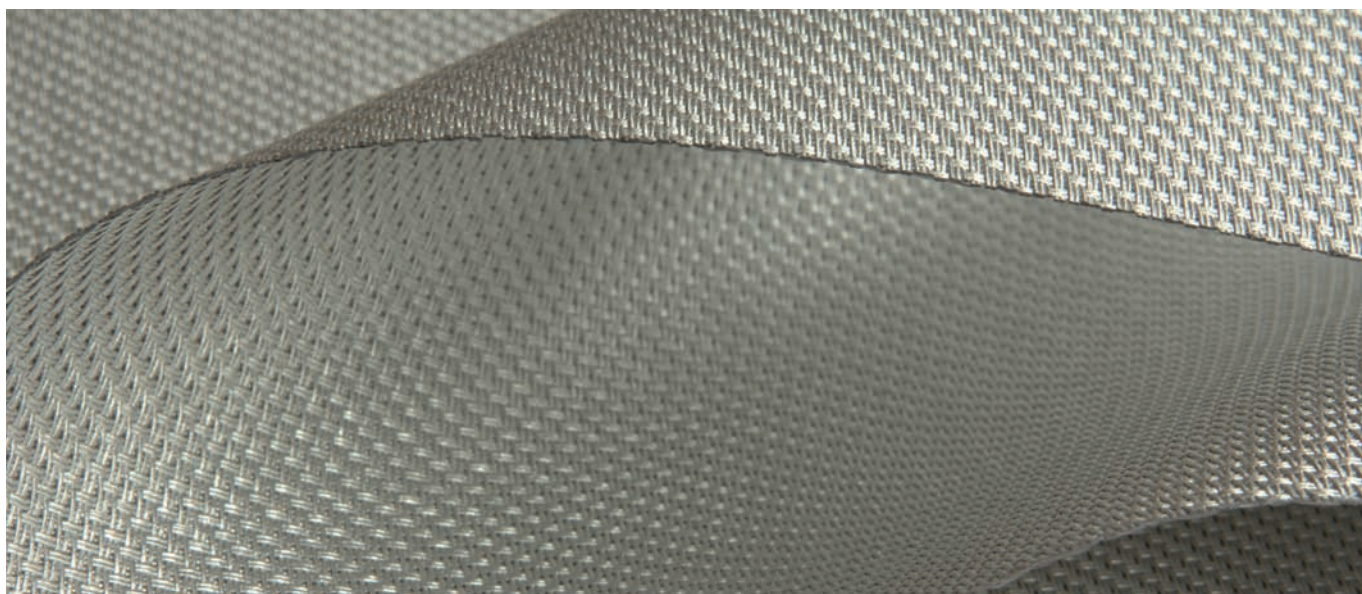
梅尔美—智能遮阳织物设计领跑者



THE BEST IS YET TO COME...

Today, solar protection is a key element in intelligent building design to reduce energy consumption, protect occupants and maintain comfort levels. Our core business consists of designing, manufacturing and promoting high-performance technical fabrics that offer genuine functional and aesthetic added value to any architectural project.

如今，遮阳防护是智能楼宇设计中的一个关键因素，用以降低能源消费，全方位保护居住者，维持其舒适的生活水准。梅尔美的核心业务涵盖了从设计，制造到推广高性能遮阳织物的各个环节，并赋予各类建筑项目真正的功能价值和美学价值。



SUSTAINABLE DEVELOPMENT

The impact of buildings' heating and air conditioning systems on both the environment and climate is considerable: they represent some 40% of carbon dioxide emissions and greenhouse gases. **Improving buildings' thermal performance is a vital issue** if the objectives of the Kyoto protocol are to be achieved, and to comply with both international and French regulations (RT2012).

建筑供暖及空调系统对环境和气候的影响是相当可观的,它们代表了40%的二氧化碳排放和温室气体。将改善建筑的热工性能作为一个重要的问题提出,目的是为了实现在京都协议所提出的目标,并有效遵守国际和法国的规定(RT2012)。

By controlling the effect the sun exerts on buildings, **Mermet® fabrics have a dual effect:**

- On **energy consumption** by reducing the use of heating and air conditioning;
- On **comfort and well-being**; light and temperature control in winter/summer, aesthetics...

Unique expertise based on the utilisation of glass fibre, a natural and abundant raw material, enables Mermet to offer innovative fabrics combining **efficiency and durability.**

They are suitable for the **bioclimatic facades of low-energy buildings** (BBC) and contribute to obtaining credits in eco-efficient and eco-design building programmes. The technical properties of Mermet® fabrics - mechanical resistance, dimensional stability and durability - are recognised through the prestigious label, **Enduris™ Glass Core**. They meet the most demanding standards: **Oeko-Tex® Standard 100** for health & safety, **Greenguard®** for interior air quality. Finally, all of the products in our range also meet the provisions of **REACH*** regulations on chemical substances.

* REACH: Registration, Evaluation, Authorization and restriction of CHemicals

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670
products

More than 3,000,000 m²
of solar protection fabric
sold each year

Manufactured in
France



Mermet® fabrics have featured in the most prestigious of projects, such as the Louvre in Lens, Zaragossa Courts of Justice, the Barangaroo project in Sydney and the

INNOVATION

Innovation has always been at the very heart of our strategy. For our R&D team, it is an attitude of mind to continually rise to the challenges of designing products that meet the highest **of standards** in terms of environment, eco-design, durability and cost reduction, while complying with all the various regulatory demands.

Our technology is based on **coated fibreglass and fibreglass fabric finished after being woven**. This inert material is very stable, retains its shape and offers the highest levels of safety in the event of a fire. It is suitable for large-dimension applications (width sizes up to 320 cm) while offering perfect flatness and an unrivalled finish (clean cuts, no fraying).

BETWEEN NOW AND **2020**

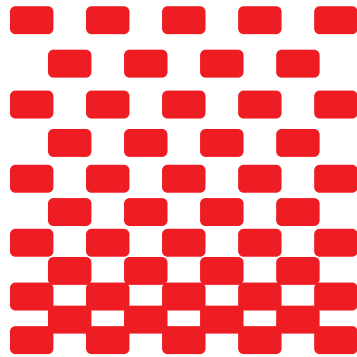
The search for excellence is in our DNA. Since 1993, our efforts to optimise the quality of our production process have been recognised through our ISO 9001 certification. We have modern and efficient production facilities capable of meeting market needs in terms of both capacity and quality. We implement **multiple controls** throughout the production cycle of our fabrics, and comprehensive **laboratory testing** - both internally and externally - is conducted on finished products using the smallest of tolerances.

So we are able to guarantee our customers **consistent quality levels** with properties that fully meet all of the technical specifications, providing reliability in the harshest of environments.

The commitment of our employees to continuous improvement based on **operational excellence and customer service** has produced the desired results.

With 70% of sales achieved abroad, Mermet has demonstrated that a **regional French SME** which is able to combine **technological innovation, industrial know-how and commercial dynamism** can export to the four corners of the world.

Now fully refocused on our **core business, namely solar protection** during the finishing stage in the tertiary or residential construction sector, we are able to face the challenges of the years ahead with peace of mind, confident in our values and team spirit and in our pursuit of the highest levels of customer service.



www.sunscreen-mermet.com



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