



**MERMET**

SUN CONTROL TEXTILES

## PRESS RELEASE

# WHEN **SUSTAINABLE DEVELOPMENT** COMES TO HOSPITAL FOR **EVERYONE'S COMFORT**



A modern building of 28,000 m<sup>2</sup>, the new hospital was designed to blend perfectly into the semi-rural landscape of Voiron, Isère, and to comply with sustainable development standards such as RT2012 and HQE. This sustainable building offers healthcare staff and patients **optimum thermal and visual comfort**.

The architecture firm Nickl & Partner chose **Mermet solar protection fabrics to protect users from heat and glare while retaining the exceptional view** over the Chartreuse massif.





Over 640 cabled motorised roller blinds from ATEs, made with **Mermet's Satiné 5500 fabric in colour 3030 Charcoal** were installed externally. These vertical blinds are able to:



- reject 96% of solar energy, **providing excellent protection against heat**
- filter 96% of light rays for **very good glare control** thanks to the fabric's diagonal satin weave
- allow maximum **natural light** to enter
- **maintain a clear view** outdoors thanks to the fabric's unparalleled transparency.

In addition, 62 chain roller blinds made with **SV 5% in colour 3030 Charcoal** were installed **indoors** on windows where exterior blinds were not suitable for safety reasons. **They provide thermal comfort and perfect glare control.** Antibacterial, **Mermet fabrics meet the requirements of buildings open to the public** and contain no dangerous substances.



With increasingly frequent heatwaves, **solar shading is now a key element in the design of sustainable buildings.** It helps to reduce energy consumption by cutting down on the use of air conditioning and artificial lighting. It plays an equally important role for occupant well-being and comfort by simultaneously offering **thermal protection, natural light management and transparency.**

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