



MERMET

SUN CONTROL TEXTILES

PRESS RELEASE

AMPACITY: THE NEW NEXANS INNOVATION HUB IN LYON



Inaugurated in June 2022, Ampacity, the new Nexans research and innovation hub in Lyon, brings together a hundred or so engineers, researchers and technicians to work on tomorrow's electrification challenges.

In this building of almost 6000 m² open to the outside with its huge plate glass windows, but also to the inside through its open-space design, the architect AFAA ARCHITECTURE aimed to maximise the **insertion of natural light for the comfort of users**.

So it was a natural step for us to choose our Screen **Nature Ultimetal[®] fabric (1306 Bronze colour)** for the **250 indoor blinds** to provide the occupants with **visual and thermal comfort** while letting light into the premises. Warema, as blinds manufacturer, and Lenoir Métallerie, as installer, were selected to work with this fabric.





Thanks to its **metallised face** to glass, the Screen Nature Ultimetal® fabric skilfully combines **high solar reflectance** (74 %), a **low emissivity** of 10 % and **outstanding visible transmission** ($T_v = 6 \%$), **irrespective of the colour**.



“ **Thermal comfort is total and both glare and unwanted reflections are kept under control.** It also allows optimum insertion of natural light, while its **transparency** maintains good through-vision.

Besides its outstanding sunscreen properties, Screen Nature Ultimetal® boasts many assets:

- A PVC-free, halogen-free and polyester-free glass fibre fabric, it guarantees **minimum environmental impact**
- Incombustible, no smoke emission (classification: **M0 - A2,s1-d0 - F0**)
- Very **slim**, ideal for blinds fitted into constricted spaces.

By controlling the sun's action on buildings, Mermet® fabrics ensure user comfort and well-being (glare control, temperature management, etc.) and **reduce energy consumption** while limiting the need for artificial lighting and air conditioning.

A hot topic right now!

INTERVENANTS :

Warema - Lenoir Métallerie - AFAA Architecte

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