

Collection Sunscreen®: certified fabrics

■ Mermet® fabrics are awarded the Enduris™ Glass Core label

Today, architects, designers and building occupants/owners need durable solar protection solutions that deliver optimal levels of interior comfort with lower levels of energy consumption. To meet these requirements, Mermet keeps on developing high performance Sunscreen® fabrics, an essential ally for eco-efficient buildings.

In light of this, Mermet's coated glass core yarn fabrics benefit from the new Enduris™ Glass Core quality label. This label guarantees the technical characteristics of Sunscreen® fabrics: mechanical resistance, dimensional stability and high-level durability.

■ At the origin of this technology: glass fibre at the core of the yarn

Glass is lightweight but extremely strong and has already been used for various applications. Sunscreen® fabrics are endowed with its outstanding stability and offer very little elongation which is a basic requirement for large dimension blinds.

Glass has high resistance to heat and is totally non-flammable; these are significant qualities for the Sunscreen® fabrics which have to meet the strictest regulations in the building industry.

Chemically inert, glass, unlike some synthetic compounds based on petroleum, is essentially a pure mineral. It does not interact with its close environment and for this reason it has been traditionally selected by the medical sector.

Enduris™ Glass Core expertise lies in an entire production process including:

- High quality glass fibre
- Specific formulation
- Expertise in yarn coating
- Superior weaving technique
- ISO certified production and quality management systems
- Commitment to customer satisfaction
- Research and development at the cutting edge of technology

Enduris™ Glass Core falls in the field of a sustainable development approach with high performance Sunscreen® solar protection fabrics:

Energy efficiency of buildings

Reduced environmental impact

Better use of natural resources

No impact on the health or safety of the users.

Enduris™ Glass Core quality label is a mark of reliability with accreditations from independent testing laboratories, another stamp of approval and a guarantee of performance for Mermet, who at the same time is pursuing HQE (high environmental quality) approach, a safety programme with non-flammable fabrics and a quality initiative with fabrics which conform to the Oeko-tex Standard 100 and the Greenguard® eco-labels.

Discover more about Enduris Glass Core at www.EndurisGlassCore.com

