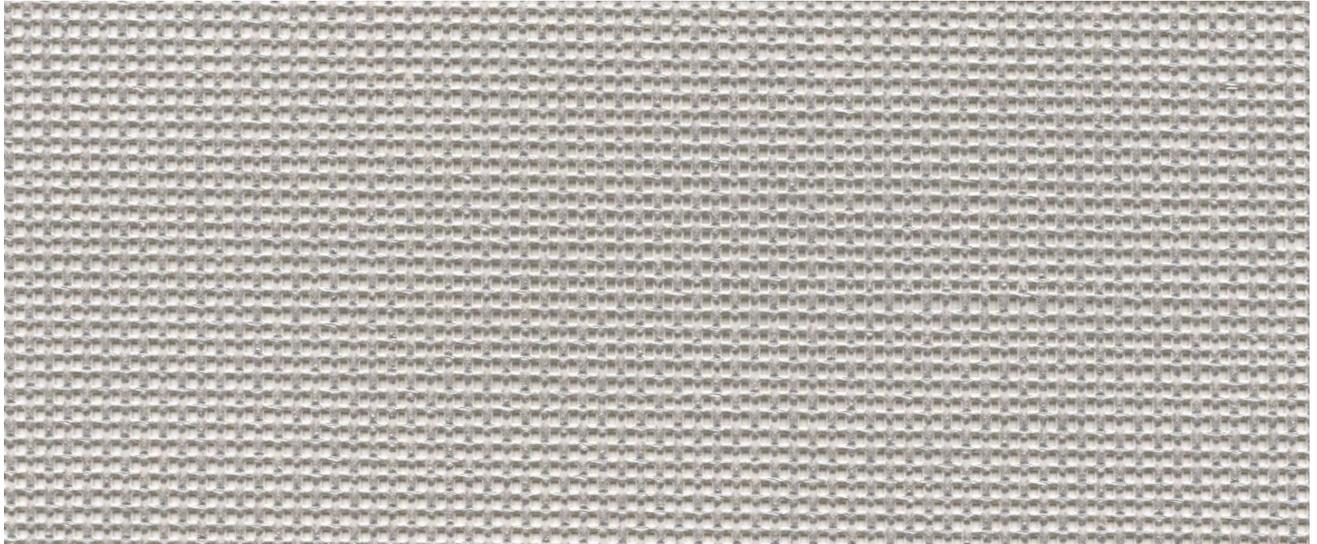


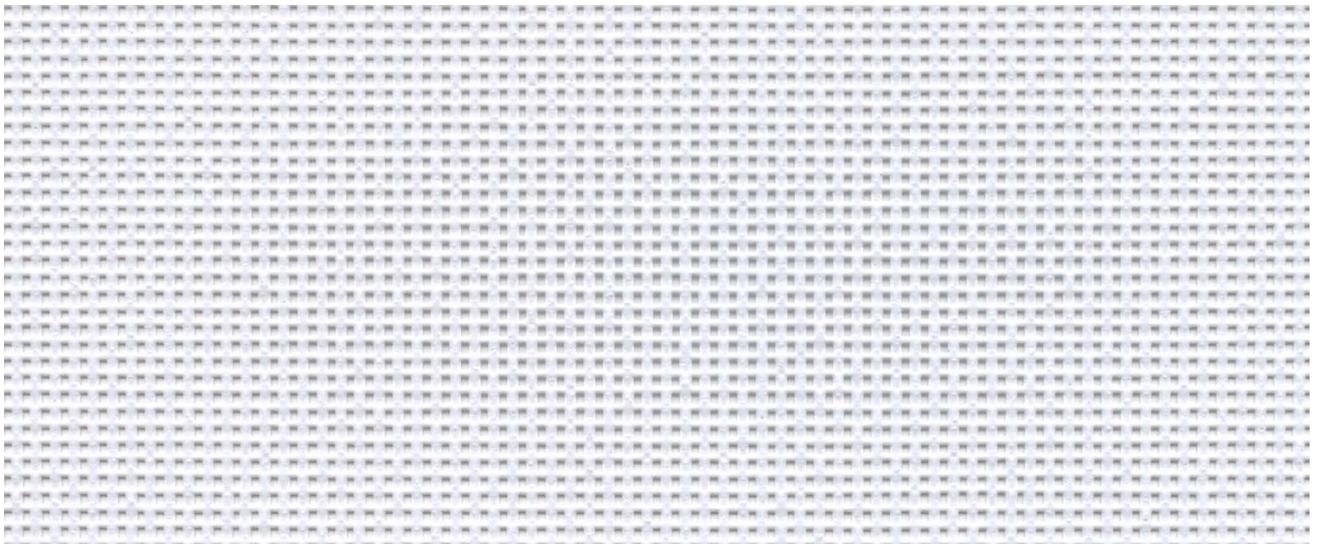
Graphic customization





Alu 267 cm

371-3048

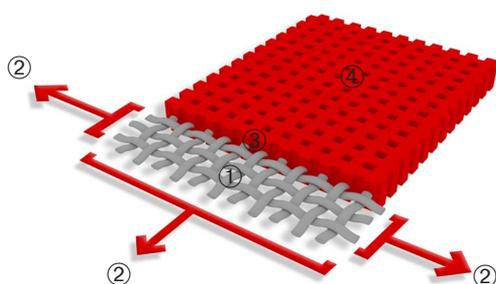


White 267 cm

371-7900

■ Exclusive Précontraint® technology

Patented worldwide, the Précontraint® Serge Ferrari technology involves keeping the composite under tension throughout the manufacturing cycle. It gives our materials exceptional performance that enable them to surpass market standards in terms of dimensional stability, mechanical strength, coating thickness and flatness.



High-tenacity polyester micro-yarn base cloth	①	No material deformation during installation or usage
A coating with fabrics under bi-axial constant tension in both warp and weft directions	②	No elongation, tear resistant
Greater coating at the top of the yarns and a dirt resistant surface treatment	③	Better long-term strength and aesthetic quality
Exceptional flatness and thinness	④	Smooth finish easy to clean, space saving, easy rolling

Applications

Customization of new and renovated buildings



■ Graphic customization

Frontside Print 371: an innovative solution to transform your facades into communication areas:

- Creative freedom (digital or screen printing)
- Material lightness and flexibility
- Durability and dimensional stability ensured by Précontraint® technology.

■ Thermal and visual comfort

- Contributes to building thermal control
- Light management: allows daylight to enter, while protecting against glare.

■ Reduction of environmental impacts

- Lightweight bioclimatic facade
- 100% recyclable.

The ideal communication and graphic creation solution



Frontside

Print 371

■ Technical properties

		Standards
Yarn	1100 / 2200 Dtex PET HT	
Weight	440 g/m ² • 13.0 oz/yd ²	EN ISO 2286-2
Standard format length	50 lm • 54.6 yds	
Thickness	0.65 mm • 650 microns	
Width	267 cm • 105.1 in	

■ Physical properties

Tensile strength (warp/weft)	300/300 daN/5cm	EN ISO 1421
Tear strength (warp/weft)	60/60 daN	DIN 53.363
Adhesion	9 daN/5 cm	EN ISO 2411
Porosity	20 %	
Extreme working temperatures	- 30°C / + 70°C	

■ Flame retardancy

Rating	M1/NFP 92-507 — B1/DIN 4102-1 — Method 1/NFPA 701 CSFM T19 — VKF 5.3/SN 198898 G1/GOST 30244-94	
Euroclass	B-s2,d0	EN 13501-1

■ Solar and light properties

	ref.371-3048	ref.371-7900	
Solar Transmission (%) (TS)	30	33	
Solar Reflectance (%) (RS)	41	58	*Type "D" glazing: insulating, slightly emissive double glazing in position 3 (4 + 16 + 4; argon-filled - g=0.59 - U=1.2)
Solar Absorption (%) (AS)	29	9	
Normal-hemispherical Visible Light Transmission (TVn-h)	28	31	
External Solar Factor* (g _{tot} °)	0.15	0.15	

■ Environmental impact: LCA (Life Cycle Assessment)

Comparative analysis depending on end-of-life scenarios	ref.371-3048			ref.371-7900
	Recycling	Incineration	Landfill	Functional unit = 1 sqm Frontside Print 371 material
Resources depletion	0.011	0.055	0.055	kg eq. Sb
Global warming	0.86	1.87	1.59	kg eq. CO ₂
Energy consumption	36.3	58.2	58.2	Megajoul eq.
Water consumption	72.2	148.7	148	Liters

■ Management systems

Quality	ISO 9001
Environmental communication	ISO 14021

■ Certifications, labels, warranties, recycling



10-year warranty

bim object®



With S+ Serge Ferrari goes further than the standards... (consult us for further information)

■ Tools and services

- LCA available on request
- Document and photo libraries: www.sergeferrari.com

The technical data above are average values with a +/- 5% tolerance.

The buyer of our products is fully responsible for their application or their transformation concerning any possible third party. The buyer of our products is responsible for their implementation and installation in compliance with standards, codes of practice and safety regulations in force in destination countries.

To ensure warranty effectiveness, refer to warranty certificate concerned available on demand.

The values quoted above represent results of tests performed in compliance with common design practices and are provided for information only to enable customers to make the best use of our products. Our products are subjects to evolutions due to technical progress, we remain entitled to modify the characteristics of our products at any time. The buyer of our products is responsible to check that the here above data are still valid.