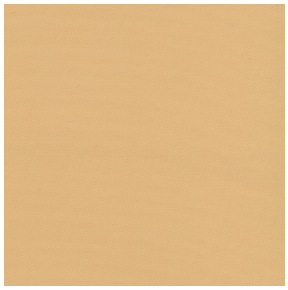

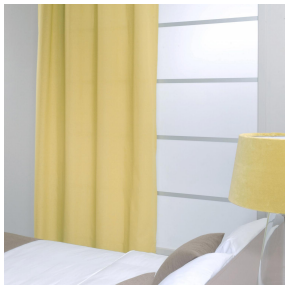

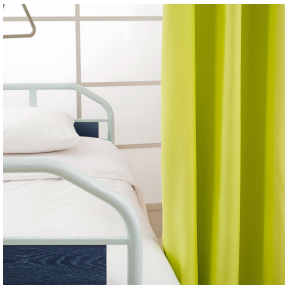

BIOSAT Safran 05

Combine aesthetics and well-being with high-tech fibres for antibacterial and antiviral action : kills 99% of bacteria (tested on staphylococcus aureus et klebsiella pneumoniae). BIOSAT was tested on 2 virus strains: the enveloped human coronavirus HCoV-229 (similar to Covid-19) and the non-enveloped Murine Norovirus (similar to the gastroenteritis virus). For the former, BIOSAT kills nearly 98% of the virus in less than 2 hours and for the latter, 73% in less than 2 hours.

Technical properties

Flame retardant · Thermal · Antibacterial · Antiviral · Acoustic

Applications Roman blinds - Panel curtains - Curtains - Partition curtain

Composition polyester/polyester FR bioactive

Weight 135 g/m² **Width** 280 cm

Fabric direction Room High Direction **Fitting** ⟷ cm ↕ cm

Maintenance advice

Labels France Terre Textile (R016)

Certifications OEKO-TEX STANDARD 100 (CQ 1006/1)

Minimum order 1 linear(s) metter(s)

Technical characteristics

Flame retardant	M1 / EN13773 : 2003 Class 1 / B1 / IMO PASS / UNI 8456 / 9174 Classe Uno	
Acoustic	Noise reduction coefficient (NRC) :	**0.72**
Antibacterial	Yes	
Optical index	Light reflexion :	**57 %**
	Light absorption :	**16 %**
	Light transmission :	**27 %**
Thermal index	Solar reflexion :	**53 %**
	Solar absorption :	**19 %**
	Solar transmission :	**28 %**
	UV transmission :	**2 %**
	Gtot :	**Gt 40 % Fc 68 %**
Resilience	Lightfastness (units Class/8)	**6**
	Pilling	**5**
	Dimentional Stability (%)	
	Warp	**-0.5**
	Weft	**-0.5**
	Martindale (Cycles)	**14000**
	Breaking Elongation	
	Warp	**43**
	Weft	**37**
	Breaking load (daN)	
	Warp	**42**
	Weft	**129**

sotexpro

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Non-contractual photos and colors - Indicative fitting - Fitting may vary depending on support selected