

# BIOSAT BPI 00

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. This fabric is proposed as a print medium.

## Technical properties



Flame retardant



Antibacterial



Antiviral

**Applications** Panel curtains - Curtains - Partition curtain - Roman blinds





**Composition** 100% bioactive polyester

**Weight** 140 g/m<sup>2</sup>

**Width** 280 cm

**Fabric direction** Room High Direction

**Fitting** ↔ 0.0 cm ↓ 0.0 cm

**Maintenance advice**      

**Label** OekoTex / France Terre Textile

**Minimum order** 25 linear(s) meter(s)

## Technical characteristics

Flame retardant	M1 / IMO PASS	
Acoustic	Noise reduction coefficient (NRC) :	<b>0.72</b>
Antibacterial	Yes	
Optical index	Light reflexion :	<b>16 %</b>
	Light absorption :	<b>82 %</b>
	Light transmission :	<b>2 %</b>
Thermal index	Solar reflexion :	<b>44 %</b>
	Solar absorption :	<b>37 %</b>
	Solar transmission :	<b>19 %</b>
	UV transmission :	<b>2 %</b>
	Gtot :	<b>Gt 46 % Fc 66 %</b>
Resilience	Lightfastness (units Class/8)	<b>5</b>
	Pilling	<b>5</b>
	Martindale (Cycles)	<b>18000</b>
	Breaking Elongation	
	Warp	<b>129</b>
	Weft	<b>37</b>
	Breaking load (daN)	
Warp	<b>42</b>	
Weft	<b>44</b>	

