



# BIOSAT Ivoire 02

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

Antibacterial

Antiviral

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

**Composition** 100% bioactive polyester

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

**Width** 280 cm

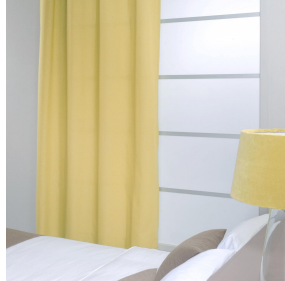
**Fabric direction** Room high or standard direction

**Fitting** ↔ cm ↓ cm

**Maintenance advice** ✕ ☒ ☐ © 🧺

**Label** OekoTex / France Terre Textile

**Minimum order** 1 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>59 %</b> Light absorption : <b>16 %</b> Light transmission : <b>25 %</b>
Thermal index	Solar reflexion : <b>57 %</b> Solar absorption : <b>16 %</b> Solar transmission : <b>27 %</b> UV transmission : <b>3 %</b> Gtot : <b>Gt 41 % Fc 59 %</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>

