

BIOSAT Mandarin 06

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

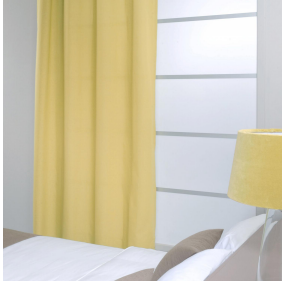
Fabric direction Room High Direction Fitting ↔ cm ↓ cm

Maintenance advice     

Labels France Terre Textile (R016)

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

Minimum order 1 linear(s) meter(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**

Dimensional Stability (%)

Warp **-0.5**

Weft **-0.5**

Martindale (Cycles) **14000**

Breaking Elongation

Warp **43**

Weft **37**

Breaking load (daN)

Warp **42**

Weft **129**



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