



# BIOSAT METIS 2162

## Bergamotte 121

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/m<sup>2</sup> Width 280 cm

Fabric direction Room high or standard direction Fitting ↔ cm ↓ cm

Maintenance advice

Labels France Terre Textile (R016)

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

Minimum order 25 linear(s) meter(s)

## Technical characteristics

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

**drapilux**  
By Sotexpro

DRAPILUX GmbH - Hofenstraße 3, 77694 Kehl - Deutschland

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