

Mylea Growing Process

The Mycelium leather structure includes a direct-bonded enforcement of fabric to enhance tear strength of the material. The leather comes with natural brown-ish color while for black, it is naturally dyed. The leather structure itself consists fully of natural layers of mycelium fibre that create a solid and strong bond.



Standard dimensions:

| Panel Manufacturer | Dimensions |
|-----------------------------------|--------------|
| Independent | 200 x 200 mm |
| Thickness (reinforced and coated) | 3 - 9 mm |

Properties:

| Standard Test | Test | Original | Black |
|-------------------------------|-----------------------------------|----------|---------|
| Mechanical Properties | | | |
| ASTM D2209 - 00 (2015) | Tensile Strength (MPa) | 8 - 11 | 8 - 11 |
| ASTM D2209 - 00 (2015) | Elongation (%) | 22 - 35 | 22 - 35 |
| ASTM D4533/D4533M - 07 (2013) | Tear Strength (N) | 24 | 24 |
| ISO 5470-2 : 2003 | Abrasion Martindale | >50.000 | >50.000 |
| SNI : ISO 105-C06:2010 A1M | Colorfastness Wash | 4.5 | 4 |
| SNI : ISO 105-E04:2010 | Colorfastness Perspiration Acid | 4.5 | 4.5 |
| SNI:ISO 105-E04:2010 | Colorfastness Perspiration Alkali | 4.5 | 4.5 |
| SNI : ISO 105-X12:2012 | Colorfastness Wet Crocking | 4.5 | 3.5 |
| SNI : ISO 105-X12:2012 | Colorfastness Dry Crocking | 4.5 | 4.5 |
| ISO 18254-1:2016 HPLC-MS | APEO &AP | PASS | N/A |

Technical data sheet
Mylea™, The Mycelium Leather
Mylea Original Reinforced



Packing and postage:

Materials usually sent with blotting paper between the layers to avoid from sticking. Make sure to immediately store the material in a well ventilated room after being removed from the packaging.

Storage recommendation:

Store the product in a well ventilated room to avoid molding. Make sure the surface is kept in dry conditions.

Cleaning recommendation:

To clean the surfaces, use water and cloth. You can also use vegetable and sunflower oil to clean the surface. Avoid any form of surfactant as it may dry the material. After cleaning, it is recommended to wipe dry and leave the material in a well ventilated room to avoid the material from being sticky.

We strongly advise to try your cleaning product on a non-visible area first.