



DATA SHEET
PRODUCT
ALUCARBONIUM





ALUCARBONIUM

In this cycle coating are applied to make the material structure resemble that of carbon fibre. The substrate is aluminium or steel. The product is suitable for both indoor and outdoor applications. Due to the presence of multi colour decoration, no delta E value can be indicated despite item that is complementary. PVDF Alucarbonium available upon request.

ALUCARBONIUM

This technical data sheet refers to aluminium substrate product version

TREATMENT

2 stage degreasing + chrome-free passivation

TOP SIDE

BASE COAT: 14-16 micron back pur

INK: 1-2 micron

TRANSPARENT TOP COAT: 9-11 micron wrinkled super-PE

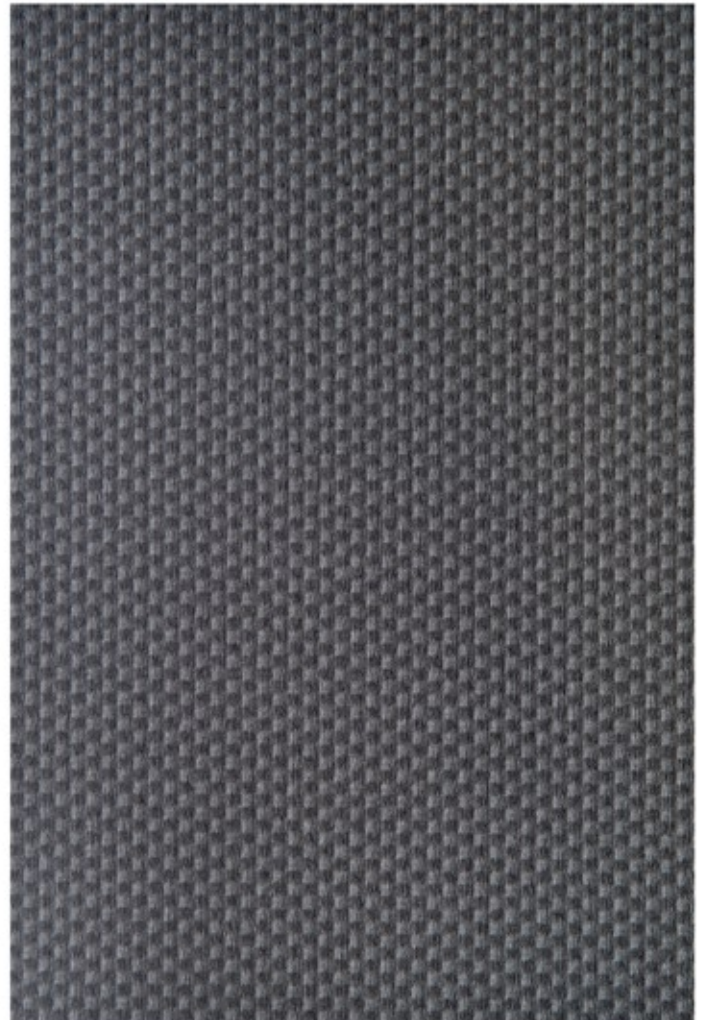
BACK SIDE

BACK COAT: 6±1 micron or 14-16 micron monocouche

TECHNICAL SPECIFICATIONS

| TEST | VALORE | NORMA DI RIFERIMENTO |
|---|----------|------------------------|
| thickness | 24-29 µm | EN 13523-1 (ECCA T1) |
| gloss | 20±10 | EN 13523-2 (ECCA T2) |
| pencil hardness | F-H | EN 13523-4 (ECCA T4) |
| resistance to rapid deformation (impact test) | 100% | EN 13523-5 (ECCA T5) |
| adhesion after indentation (cupping test) | 100% | EN 13523-6 (ECCA T6) |
| adhesion after bending at 25°C | 0T-1T* | EN 13523-7 (ECCA T7) |
| resistance to cracking on bending (t-bend test) at 25°C | 0T-2.5T* | EN 13523-7 (ECCA T7) |
| solvent resistance (MEK rubbing test) | >100 | EN 13523-11 (ECCA T11) |

* according to substrate properties



PRODUCT

UV RESISTANCE CATEGORY: RUV3
ROHS COMPLIANT PAINT



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