



Samen op weg naar een duurzame wereld!

Properties

- 100% biobased raw materials
 - PLA (organic)
 - Industrial hemp
- Circular: 100% recyclable into new equivalent products
- Biodegradable
 - No environmental damage at end of life
 - Deposit on return of cutting waste
- Up to 99% CO2 reduction compared to conventional materials such as aluminium (LCA report available)
- Strength comparable to HPL panels
- One-piece formats are currently possible in all sizes up to the maximum size of 1020 x 2040 mm in both 2, 3 and 6mm thicknesses
- Available in brown (natural colour) and black (carbon black added)
- Available with PVC-free film and PVC-free protective laminate (with UV filter)
- Direct printing is possible
- Easy to process, including milling, laser cutting, sawing, thermal bending.
- Durability of at least 10 years (10-year expiring warranty)
- Delivery time 2 weeks

Technical values

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| ● Density | 1270 kg/m ³ |
| ● Color: Dark brown (appr. Ral 8017) | Natural color |
| | Variation is possible |
| | UV causes a bleach of the brown colour |
| | Coloured with carbon black |
| | Colour stable |
| | UV does hardly bleach the colour |
| | Natural reduction of the biodegradation |
| ● Heat expansion coefficient | 68µm/m-°C |
| ● Heat distortion temperature | 140°C |
| ● Charpy impact strength unnotched at 23°C | 30 KJ/ m ² |
| ● Charpy impact strength notched at 23°C | 4 KJ/ m ² |
| ● Tensile modulus, test speed 1mm/min | 3600 Mpa |
| ● Hardness Shore D | 90 |