



*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
- CO2 Neutral (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 <sup>3</sup>   |
| ● Color: Dark brown (appr. Ral 8017)       | Natural color<br>Variation is possible<br>UV causes a bleach of the brown colour   |
| Black (appr. Ral 9004)                     | Coloured with carbon black<br>Colour stable<br>UV does hardly bleach the colour<br>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 <sup>2</sup>  |
| ● Charpy impact strength notched at 23°C   | 4 KJ/ m <sup>2</sup>   |
| ● Tensile modulus, test speed 1mm/min      | 3600 Mpa   |
| ● Hardness Shore D                         | 90   |