Characteristics

- 100% biobased raw materials
  - Bio Polymer
  - Industrial Hemp Fibre
- 100% recyclable into new panels
- Biodegradable
  - No damage to ecosytem
  - Deposit upon return after the end of the life cycle
- CO2 Neutral (LCA available)
- Strength comparable to HPL (Trespa) panels
- One-piece formats are currently available 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)
- Warranty for outdoor use 10 years
- Delivery time 2 weeks

Technical values

Density	1270 kg/m3
Colour Dark brown (similar to Ral 8017)	Natural colour Variation is possible UV causes fading of the brown colour
Black (similar to Ral 9004)	Coloured with carbon black Stable colour UV hardly bleaches the colour Natural reduction of biodegradation
Heat expansion coefficient	68µm/m-°C
Heat distortion temperature	140°C
Charpy impact strength unnotched at 23°C	30 KJ/ m2
Charpy impact strength notched at 23°C	4 KJ/ m2
Tensile modulus, test speed 1mm/min, 4mm thick	3600 Mpa
Hardness Shore D	90

Handling

- Heat expansion coefficient 68µm/m-°C
- Heat distortion temperature 140°C
- Good machining, including CNC milling, laser cutting, sawing, thermal bending
    - CNC milling:
        - Milling type: universal
        - Machining speed: 70 mm per second
        - RPM: 18500
        - Passages: 3 mm plate 2 steps and 6 mm plate 4 steps
- Direct printing is possible
- To be provided with PVC-free film and PVC-free protective laminate (with UV filter). Film adhesion depends on the film used. For outdoor applications, we recommend an adhesion of more than 15 Newton / inch. If you would like to know which films we have had good experiences with, please contact us.