

## Datasheet / Specification Everdeck™ Decking by Green Plank

Product Item	
Surface	Reversible decking plank – smooth and ripped
Dimensions	23*146 mm
Standart length	3600 mm
Actual length tolerances may vary from -2 mm upwards, subject to temperature. Width / thickness tolerance is +/- 1 mm.	
Requirement	6.7 meter per sqm
C/C : Maximum joist span (on centers) in residential construction	30 cm
Weight	2.45 kg per meter (hollow plank)
Installation	Clips and screws
<b>Special Properties</b> (matching accessories aviable)	<ul style="list-style-type: none"> <li>→ High Slip Resistance</li> <li>→ Eco-Friendly (90% recycled matieral)</li> <li>→ Skandinavian design</li> <li>→ Low Maintenance</li> <li>→ Weather and Rot resistant</li> <li>→ Earthy colors (reversible)</li> </ul>

### Test Results for Composite Composition – Everdeck™ Decking by Green Plank

Properties	Declaration	Results
Density determination according to EN ISO 1183-1	Density (g/cm <sup>3</sup> )	1.379
Linear mass determination according to EN 15534-1	Linear mass (g/m)	3371
Tensile strength determination according to EN ISO 527-2	Tensile strength (MPa)	35.05
	Strain at break (%)	3
Tensile strength determination according to EN ISO 527-2	Compressive strength (MPa)	56.32
Determination of bending properties for grooved side facing up accoring to EN 15534-1	Deflection under a load of 500 N (mm)	1.776
	Maximum force (N)	4444
	Bending strength (MPa)	49.37
	Bending modulus of elasticity (MPa)	5124
Determination of bending properties for flat side facing up according to EN 15534-1	Deflection under a load of 500 N (mm)	1.772
	Maximum force (N)	4471
	Bending strength (MPa)	49.67
	Bending modulus of elasticity (MPa)	5092
Determination of cupping according to EN 15534-1	(mm)	0.2
Determination of formaldehyde according to EN ISO 12460-3	Formaldehyde release (mg.m <sup>-2</sup> .h <sup>-1</sup> )	0.56

Properties	Declaration	Results
Determination of falling mass impact resistance according to EN 15534-1	-	All of the test specimens without failure or crack or residual indentation
Determination of impact strength CHARPY according to EN ISO 179-1	Charpy impact strength <sup>2)</sup> (kJ/m <sup>2</sup> )	8.75
Determination of resistance to sliding according to EN 15534-1	Slip resistance value – dry conditions	62
	Slip resistance value – wet conditions	42
Determination of swelling and water absorption according to EN 317	Swelling – change of length (%)	0.1
	Swelling – change of width (%)	0.1
	Swelling – change of thickness (%)	1.2
	Swelling – change of weight (%)	1.0
Determination of linear thermal expansion coefficient according to ISO 11 359-2	Linear thermal expansion coeff. (-20°C/+23°C) – „transverse“ orientation (K <sup>-1</sup> )	5.33·10 <sup>-5</sup>
	Linear thermal expansion coeff. (-20°C/+23°C) – „longitudinal“ orientation (K <sup>-1</sup> )	3.38·10 <sup>-5</sup>
	Linear thermal expansion coeff. (+23°C/+80°C) – „transverse“ orientation (K <sup>-1</sup> )	9.08·10 <sup>-5</sup>
	Linear thermal expansion coeff. (+23°C/+80°C) – „longitudinal“ orientation (K <sup>-1</sup> )	4.67·10 <sup>-5</sup>
Determination of deviation of straightness according to EN 15534-1	Deviation from straightness – flatwise (mm)	0.45
	Deviation from straightness – edgewise (mm)	0.25