

Clideck Revolution

Wood /WPC clip



- **Advanced Co-Extrusion Manufacturing:** Featuring an asymmetrical, patented profile with invisible drainage gaps for optimal water flow and improved aesthetics.
- **Solid Balanced Body:** Engineered for superior strength and stability while maintaining a lightweight structure.
- **Matt Shield Capped Surface:** Enhanced with a wood grain finish, providing a durable, attractive, and low-maintenance top layer.
- **Versatile Side Grooves:** Designed to securely accommodate the grip of The Wood /WPC clips, ensuring a seamless and secure installation.

Assets

- Patented profile with invisible gap
- Patented installation system: **Wood /WPC clip**
- Installation with or without screws
- 100% accessible
- Easy installation and maintenance
- 3x faster to install and disassemble
- All-weather resistant
- Termite and insect-proof
- Low surface maintenance
- Barefoot friendly

Composition

- 65% Reclaimed FSC Bamboo
- 30% P.E.
- 5% Additives

Recycled content

- 95% recycled materials including P.E. and reclaimed FSC bamboo fibres. Excellent eco-friendly floor that can help generate LEED points.
- 100% recyclable

- Made with solar energy

Shield protection

Suitable for commercial and residential applications. Capped the outer shell of the polymer surface for water-proof protection, scratch-resistant, anti-stain, moisture, mould, fade and mildew.



BOARD PERFORMANCE

PROPERTIES	TEST METHOD	VALUE
MECHANICAL		
Density	EN 15534-1:2014	1196 Kg/m3
Maximum load	EN 15534-4:2014	3748 N
Deflection at 500 N	EN 15534-4:2014	1.29 N
THERMAL		
Fire resistance	EN 13501-1-2007	C (fl) - s1
Linear thermal expansion coefficient	EN 15534-4:2014	fulfilled
SURFACE		
Scratch resistance	EN 15186:2012 procedure B	1.9 N
Falling mass impact resistance	EN 15534-4:2014	0.08mm
Slip resistance (Wet test C scale)	UNE ENV 12633:2003	Class 3
Slip resistance (Wet pendulum)	AS 4586:2013 Appendix A	Class P2
Slip resistance (Dry floor friction)	AS 4586:2013 Appendix B	Class D1
Slip resistance (Wet-barefoot inclining platform)	AS 4586:2013 Appendix C	Class B
Slip resistance (Oil-wet inclining platform)	AS 4586:2013 Appendix D	R10
ENVIRONMENTAL		
Emissivity (SRI index)	ASTM C1371-15	0.86 ± 0.07
Solar reflectance (SRI Index)	ASTM E903-20	15.3% ± 0.7
Swelling (after 28 days)	EN 15534-1:2014	Thickness 0.2% Width 0% Length 0.1%
Water absorption (after 28 days)	EN 15534-4:2014	0.6%
CHEMICAL		
SVHC concentration (safe use)	EU REACH Regulation No 1907/2006 Article 33	fulfilled

SYSTEM PERFORMANCE

PROPERTIES	TEST METHOD	RESULT
Loading capacity	EN 1994-1-1	4000 Kg/m2
Wind suction resistance	ETAG 034	4500 Pa
Wind pressure resistance	ETAG 034	3000 Pa
Golf car traction test	EN 15734-1	No damages or deformations observed

Clideck Revolution weight: 20.38 kg/m2

Approximate weight

+ Wood /WPC clip accessories: 22.586 kg/m2



SCREWLESS WOOD /WPC KIT



WOOD /WPC CLIP
MAGNET CLIP



DOUBLE
BLOCKER

SCREW-IN WOOD /WPC KIT



WOOD /WPC CLIP



BLOCKER



SCREW

THE WOOD /WPC CLIP SECRET FORMULA



THE WOOD /WPC CLIP IS THE RESULT OF 12 YEARS OF INNOVATION

Fully made inhouse using a proprietary formula, it combines strength and flexibility, creating an unprecedented clip which has its own pivoting movement.

- High mechanical strength and rigidity
- Excellent fatigue and impact resistance
- Resistant to moisture, lubricants and solvents.

Similar advanced thermoplastics are widely adopted in high-performance engineering components in the automotive and consumer electronics industry. In addition, it has been already tested by Cliparquet distributors in millions of m2 in 80 countries in the last 12 years.

Clip is available in a V-0 fire-rated version for enhanced fire resistance.

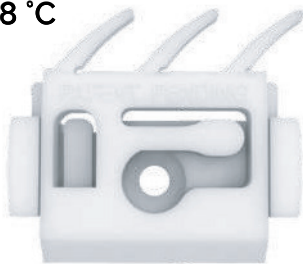
This advanced material self-extinguishes in under 10 seconds without dripping flaming particles, ensuring compliance with strict fire safety standards.

FIRE RESISTANCE



FULL PERFORMANCE IN ANY ENVIRONMENT

Withstands **-40 °C to +90 °C**
Density of **1.410–1.420 g/cm3**
Melting point of **178 °C**



EXTREME DURABILITY

Durability Test (Report no. 221.I.2103.271.EN.01):
Successfully withstood **2 million compression cycles** with no visible structural damage or mechanical failure.

TECHNICAL DATA

Mechanical Properties	Value	Test Standard
Tensile modulus	2300 MPa	ISO527-1/-2
Yield stress	56 MPa	ISO527-1/-2
Yield strain	18%	ISO527-1/-2
Nominal strain at break	35%	ISO527-1/-2
Flexural modulus	2100 MPa	ISO178
Flexural stress at 3.5%	60 MPa	ISO178
Tensile creep modulus		
1 h	2300 MPa	ISO899-1
1000 h	1200 MPa	ISO899-1
Thermal Properties	Value	Test Standard
Melting temperature	178 °C	ISO11357-1/-3
Temp. of deflection under load		
1.8 MPa	178 °C	ISO75-1/-2
0.45 MPa	146 °C	ISO75-1/-2
Vicat 50°C/h, 50N	140 °C	ISO306
Coef. of linear thermal expansion		
Parallel	130 E-6/K	ISO11359-1/-2
Normal	120 E-6/K	ISO11359-1/-2

CLASSIFICATION FOR OUTDOOR SUITABILITY:

F1

the material meets both UV and water immersion requirements
UL 746C