



**TERANNA**  
COMPOSITE DECKING



**EVER-SHIELD**

**EVER-DECK**

**TECHNICAL DATASHEET**

EFFECTIVE MAY 22

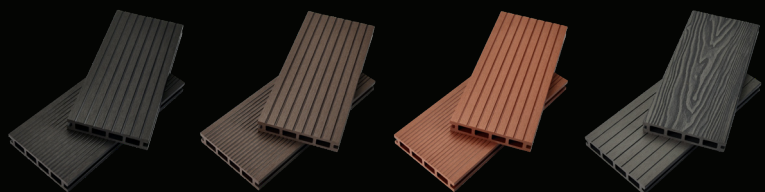
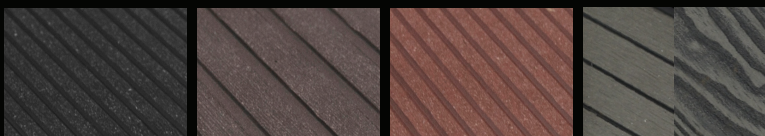


TEST	TEST METHOD	TEST DESCRIPTION	TERANNA COMPOSITE DECKING	REQUIREMENTS
Slip Resistance	ASTM D2394-05	Wet Conditions	<b>Static Coefficient: 0.47</b>	≥ 0.36
	EN 15534-1:2014 Section 6.4.2	Pendulum Dry Longitudinal	<b>Declared Value: 75</b>	≥ 36
	EN 15534-1:2014 Section 6.4.2	Pendulum Dry Horizontal	<b>Value: 86</b>	≥ 36
Flexural Properties (350mm)	EN 15534-1:2014 Annex A	Maximum Load	<b>Mean: 3918 N Min: 3898 N</b>	-F' max: Mean ≥ 3300 N Min ≥ 3000 N
	EN 15534-4:2014 Table 3	Deflection	<b>Mean: 0.61mm Max.: 0.71mm</b>	- Deflection under a load of 500 N Mean ≤ 2.0mm Max.: ≤ 2.5mm
Impact Resistance	EN 15534-1:2014 Section 7.1.1	Falling Mass Impact	<b>Max Crack Length (mm): No Crack</b>	Pass
	EN 15534-1:2014 Section 7.5		<b>Max Residual Indentation (mm): 0.48</b>	
		Resistance to Indentation	<b>Brinell Hardness: 121MPa</b>	N/A
Fire Resistance	EN ISO 9239-1:2010	Critical Heat Flux	<b>Fire Behaviour: D</b>	The classification fire has been carried out in accordance with EN 13501-1
	EN ISO 11925-2:2010 Exposure = 15 s	Ignitability	<b>Smoke Production: s1</b>  Class B available on request	
Water Absorption	EN 15534-1:2014 Section 8.3.3	Boiling Test (5 hours)	<b>Water Absorption in Weight: Mean: 2.2% Max: 2.2%</b>	Means ≤ 7% Max. ≤ 9%
	EN 15534-1:2014 Section 8.3.1	28 Days Immersion	<b>Mean Swelling: 1.37% in thickness 0.21% in width 0.29% in length</b>	Mean Swelling: ≤ 4% in thickness ≤ 0.8% in width ≤ 0.4% in length
			<b>Max Swelling: 1.61% in thickness 0.24% in width 0.35% in length</b>	Max Swelling: ≤ 5% in thickness ≤ 1.2% in width ≤ 0.6% in length
Linear Mass	EN 15534-1:2014 Section 6.5	Mass per linear metre	<b>Mean: 2632 g/m Min: 2630 g/m</b>	N/A

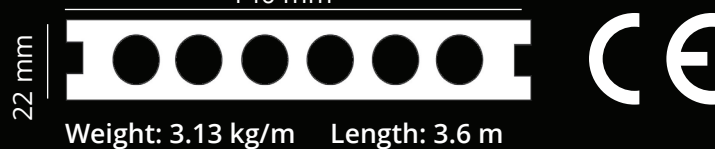
## EVER-DECK 135 mm 10 YEAR WARRANTY



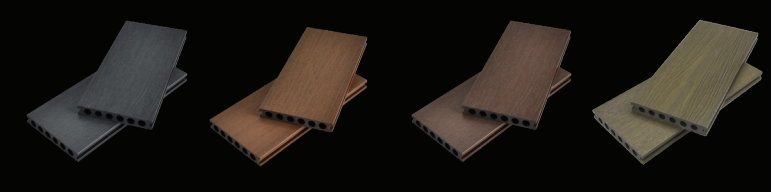
GRAPHITE DARK BROWN LIGHT BROWN SLATE GREY



## EVER-SHIELD 140 mm 15 YEAR WARRANTY



SILVER GREY TEAK WALNUT MOCHA



**LONGEVITY**  
• Expected life span in excess of 20 years

**INSTALL & MAINTAIN EASILY**  
• Easy and quick to install  
• No need for painting

**FIRE RATED**  
• Class D Fire Rating