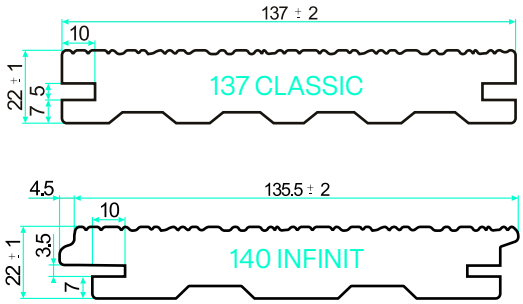
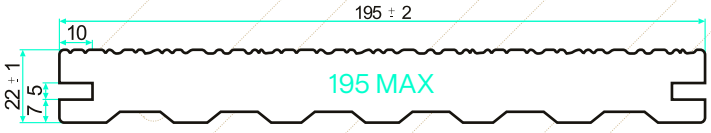
TERAFEST

DECKING TERAFEST
FOREST TEXTURE

PROFILES WITH FOREST TEXTURE





PROPERTIES

profile	dimensions	stock length	custom length	weight
137 Classic	137 × 22 mm	4 m	2 - 6 m	3,3 kg/lm
195 Max*	195 × 22 mm	4 m	2 - 4 m	4,7 kg/lm
140 Infinit**	140 × 22 mm	4 m	2 - 6 m	3,4 kg/lm

* Profile 195 Max is not available in colour options marked ⊕
** Profile 140 Infinit is not available in colour option Merbau Plus.
Dimensional tolerance: length +/- 10 mm; width +/- 2 mm; thickness +/- 1 mm.

COLOUR OPTIONS

The colour variants marked ⊕ have a unique color annealing, which breaks up the color monotony in the area and adds to the attractiveness of the decking.

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TECHNICAL PROPERTIES

Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Forest	195 Max Forest	140 Infinit Forest
Reaction to fire	ČSN EN 13501-1	C_{fl}-s1	C_{fl}-s1	C_{fl}-s1
Swelling in thickness	ČSN EN 317	2,4 %	2,4 %	2,4 %
Water absorption	ČSN EN 317	3 %	3 %	3 %
Bending strength	ČSN EN 310	28,6 MPa	30,4 MPa	28,6 MPa
Modulus of elasticity	ČSN EN 310	5114 Mpa	5205 Mpa	5114 Mpa
Impact strength	ČSN EN 477	20 J – pass	20 J – pass	20 J – pass
Slipperiness Dry (parallel/perpendicular)	ČSN P CEN/TS 15676	93/94	93/94	93/94
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	54/60	54/60	54/60
Pull-through strength of the fasteners	ČSN EN 1383	2,71 MPa	2,71 MPa	2,71 MPa
Moisture resistance under cyclic conditions (decrease in strength and modulus of elasticity)	ČSN EN 321	6 % 14,1 %	6,6 % 15,4 %	6 % 14,1 %
UV radiation resistance – before ageing – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m² 2,61 kJ/m²	2,58 kJ/m² 2,61 kJ/m²	2,58 kJ/m² 2,61 kJ/m²
Thermal expansion +30 až +80 °C	EAD čl.2.2.10	2,57*10^{-5} %	2,57*10^{-5} %	2,57*10^{-5} %
Surface hardness	ČSN EN 1534	91 N/mm²	91 N/mm²	91 N/mm²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm³	1,21-1,24 g/cm³	1,21-1,24 g/cm³
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)	0,072 W/(m*K)	0,072 W/(m*K)

* European Technical Assessment No. ETA 23/0919 of 21/12/2023 issued by Technical and Test Institute for construction Prague, on the basis of European Assessment Document EAD 190005-00-0402.

Other technical properties

Characteristics	Standard	137 Classic Forest	195 Max Forest	140 Infinit Forest
Antistatic properties	ČSN EN 1815	0,22/0,17 kV - pass	0,22/0,17 kV - pass	0,22/0,17 kV - pass
Anti-slip classification	DIN 51130	R10	R10	R10
Migration of certain elements (Category III)	ČSN EN 71-3+A1	pass	pass	pass
Formaldehyde emissions	ČSN EN 717-1	< 0.028 mg/m³ pass	< 0.028 mg/m³ pass	< 0.028 mg/m³ pass

TERAFEST

Manufacturer: WPC – WOODPLASTIC a.s., V Celnici 1034/6, 110 00 Prague 1, ID Nr.: 08920354, VAT Nr.: CZ08920354,
e-mail: info@woodplastic.eu, www.terafest.eu.
Company is registered in the Commercial Register administered by the City Court in Prague, File Nr. B 25100.

document valid from 1. 1. 2025