



DECKING / FENCES / CLADDING

I AM TERAFFEST®

AND I BRING MORE
JOY TO YOUR LIFE



I AM EASY TO MAINTAIN AND SAVE YOUR TIME

Just wash me with a power-washer
once a year.



I AM SAFE

I am not slippery and do not form
splinters.



MY VALUE IN TIME

You get me with a guarantee
of up to 25 years.



THEY WILL MAKE ME EXACTLY ACCORDING TO YOUR NEEDS

Choose me in the colour, width
and length which suits you.



I WILL BE INSTALLED BY PROFESSIONALS

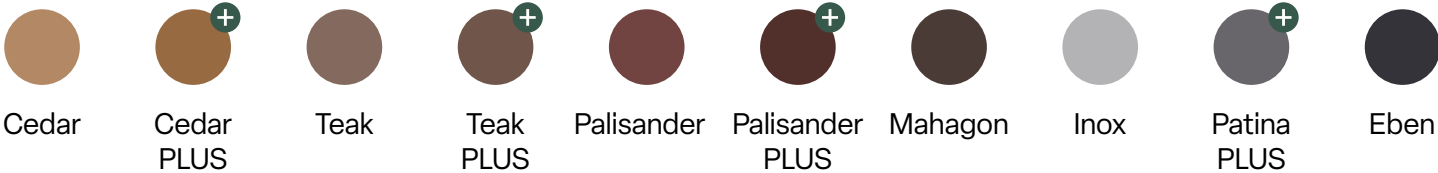
I only work with certified
and reliable installers.



I LOVE NATURE

I am eco-friendly
and 100% recyclable.

COLOUR



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.

TEXTURE



PROFILE



137 Classic



195 Max

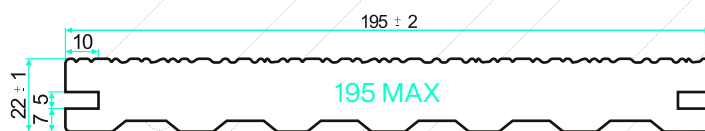
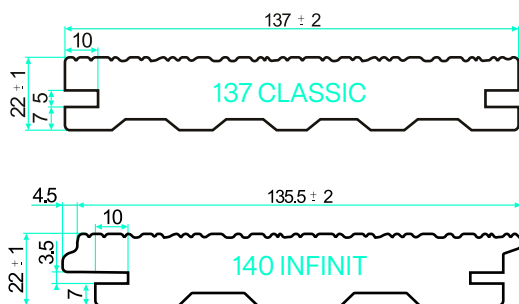


140 Infnit

		FOREST	NATUR	RUSTIC	SMOOTH	GROOVE
	Cedar	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max
	Cedar PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
	Teak	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max
	Teak PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
	Palisander	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max
	Palisander PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
	Mahagon	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max
	Inox	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max
	Patina PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
	Eben	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max

DECKING TERAFEST
FOREST TEXTURE

PROFILES



PROPERTIES

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

* Profile 195 Max is not available in colour options marked **+**
 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.

FOREST TEXTURE

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 _{fi} -s1	C _{fi} -s1	C _{fi} -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 – before ageing resistance – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m ² 2,61 kJ/m ²	2,58 kJ/m ² 2,61 kJ/m ²	2,58 kJ/m ² 2,61 kJ/m ²
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/mm ²	91 N/mm ²	91 N/mm ²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm ³	1,21-1,24 g/cm ³	1,21-1,24 g/cm ³
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.

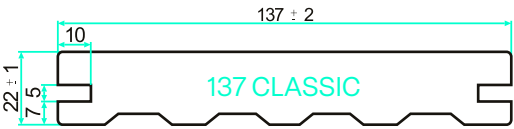
Other technical properties

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/m ³ pass	< 0.028 mg/m ³ pass	< 0.028 mg/m ³ pass



DECKING TERAFEST
NATUR TEXTURE

PROFILES



PROPERTIES

profile	dimensions	standard length	custom length	weight
137 Classic	137 × 22 mm	4 m	2 - 6 m	3,3 kg/bm

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.



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Natur
Reaction to fire	ČSN EN 13501-1	C _{fi} -s1
Swelling in thickness	ČSN EN 317	2,4 %
Water absorption	ČSN EN 317	3 %
Bending strength	ČSN EN 310	28,6 MPa
Modulus of elasticity	ČSN EN 310	5114 Mpa
Impact strength	ČSN EN 477	20 J – pass
Slipperiness Dry (parallel/perpendicular)	ČSN P CEN/TS 15676	81/93
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	44/54
Pull-through strength of the fasteners	ČSN EN 1383	2,71 MPa
Moisture resistance under cyclic conditions (decrease in strength and modulus of elasticity)	ČSN EN 321	6 % 14,1 %
UV radiation resistance – before ageing – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m ² 2,61 kJ/m ²
Thermal expansion +30 až +80 °C	EAD čl.2.2.10	2,57*10 ⁻⁵ %
Surface hardness	ČSN EN 1534	63 N/mm ²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm ³
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)

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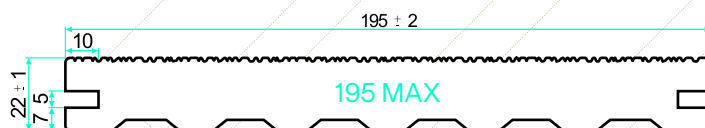
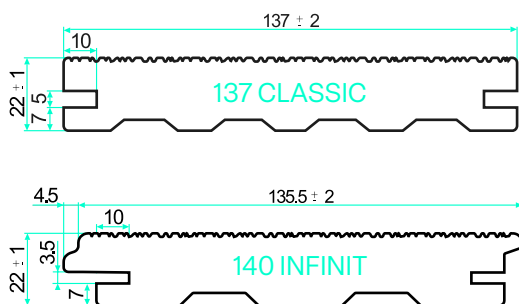
Other technical properties

Characteristics	Standard	137 Classic Natur
Antistatic properties	ČSN EN 1815	0,22/0,17 kV – pass
Migration of certain elements (Category III)	ČSN EN 71-3+A1	pass
Formaldehyde emissions	ČSN EN 717-1	< 0.028 mg/m ³ pass



DECKING TERAFEST
RUSTIC TEXTURE

PROFILES



PROPERTIES

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

* Profile 195 Max is not available in colour options marked **+**
 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.

RUSTIC TEXTURE

TECHNICAL PROPERTIES



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Rustic	195 Max Rustic	140 Infinit Rustic
Reaction to fire	ČSN EN 13501-1	C _{fi} -s1	C _{fi} -s1	C _{fi} -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	67/84	67/84	67/84
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	44/59	44/59	44/59
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 – before ageing resistance – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m ² 2,61 kJ/m ²	2,58 kJ/m ² 2,61 kJ/m ²	2,58 kJ/m ² 2,61 kJ/m ²
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	63 N/mm ²	63 N/mm ²	63 N/mm ²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm ³	1,21-1,24 g/cm ³	1,21-1,24 g/cm ³
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)	0,072 W/(m*K)	0,072 W/(m*K)

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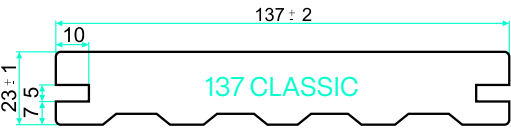
Other technical properties

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



DECKING TERAFEST
SMOOTH TEXTURE

PROFILES



PROPERTIES

profile	dimensions	standard length	custom length	weight
137 Classic	137 × 23 mm	4 m	2 - 6 m	3,4 kg/bm

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.

SMOOTH TEXTURE

TECHNICAL PROPERTIES



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Smooth
Reaction to fire	ČSN EN 13501-1	C _{fi} -s1
Swelling in thickness	ČSN EN 317	2,4 %
Water absorption	ČSN EN 317	3 %
Bending strength	ČSN EN 310	28,6 MPa
Modulus of elasticity	ČSN EN 310	5114 Mpa
Impact strength	ČSN EN 477	20 J – pass
Slipperiness Dry (parallel/perpendicular)	ČSN P CEN/TS 15676	72/85
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	57/65
Pull-through strength of the fasteners	ČSN EN 1383	2,71 MPa
Moisture resistance under cyclic conditions (decrease in strength and modulus of elasticity)	ČSN EN 321	6 % 14,1 %
UV radiation – before ageing resistance – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m ² 2,61 kJ/m ²
Thermal expansion +30 až +80 °C	EAD čl.2.2.10	2,57*10 ⁻⁵ %
Surface hardness	ČSN EN 1534	63 N/mm ²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm ³
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)

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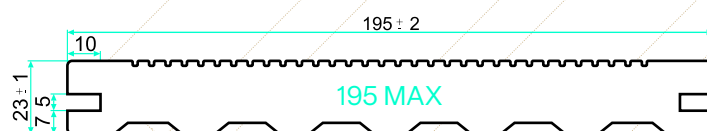
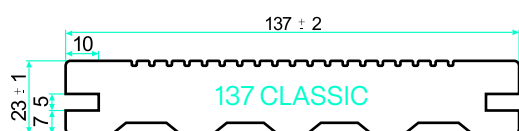
Other technical properties

Characteristics	Standard	137 Classic Smooth
Antistatic properties	ČSN EN 1815	0,22/0,17 kV – pass
Migration of certain elements (Category III)	ČSN EN 71-3+A1	pass
Formaldehyde emissions	ČSN EN 717-1	< 0.028 mg/m ³ pass



**DECKING TERAFEST
GROOVE TEXTURE**

PROFILES

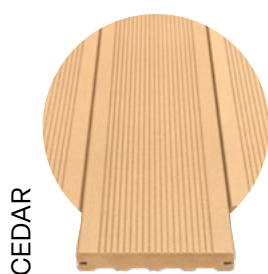


PROPERTIES

profile	dimensions	standard length	custom length	weight
137 Classic	137 × 23 mm	4 m	2 - 6 m	3,4 kg/bm
195 Max	195 × 23 mm	4 m	2 - 4 m	4,8 kg/bm

Dimensional tolerance: length +/- 10 mm; width +/- 2 mm; thickness +/- 1 mm.

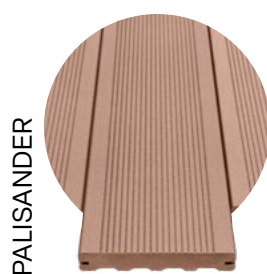
COLOUR OPTIONS



CEDAR



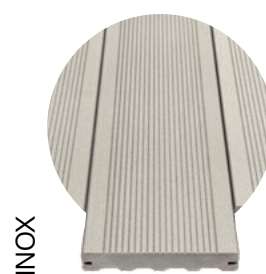
TEAK



PALISANDER



MAHAGON



INOX



EBEN

GROOVE TEXTURE

TECHNICAL PROPERTIES



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Groove	195 Max Groove
Reaction to fire	ČSN EN 13501-1	C _{fi} -s1	C _{fi} -s1
Swelling in thickness	ČSN EN 317	2,4 %	2,4 %
Water absorption	ČSN EN 317	3 %	3 %
Bending strength	ČSN EN 310	28,6 MPa	30,4 MPa
Modulus of elasticity	ČSN EN 310	5114 Mpa	5205 Mpa
Impact strength	ČSN EN 477	20 J – pass	20 J – pass
Slipperiness Dry (parallel/perpendicular)	ČSN P CEN/TS 15676	80/98	80/98
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	52/72	52/72
Pull-through strength of the fasteners	ČSN EN 1383	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 %
UV radiation – before ageing resistance – after ageing (1000h)	EN ISO 4892-2	2,58 kJ/m ² 2,61 kJ/m ²	2,58 kJ/m ² 2,61 kJ/m ²
Thermal expansion +30 až +80 °C	EAD čl.2.2.10	2,57*10 ⁻⁵ %	2,57*10 ⁻⁵ %
Surface hardness	ČSN EN 1534	30 N/mm ²	30 N/mm ²
Density	ČSN EN ISO 1183-1	1,21-1,24 g/cm ³	1,21-1,24 g/cm ³
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)	0,072 W/(m*K)

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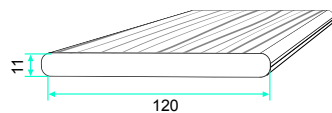
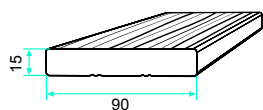
Other technical properties

Characteristics	Standard	137 Classic Groove	195 Max Groove
Antistatic properties	ČSN EN 1815	0,22/0,17 kV – pass	0,22/0,17 kV – pass
Anti-slip classification	DIN 51130	R11	R11
Migration of certain elements (Category III)	ČSN EN 71-3+A1	pass	pass
Formaldehyde emissions	ČSN EN 717-1	< 0.028 mg/m ³ pass	< 0.028 mg/m ³ pass



TERAFEST
FENCES

PROFILES



PROPERTIES

profile	texture	dimensions	standard length	custom length	weight
fence 90* basic colour	FOREST/FOREST	90 × 15 mm	-	1,3 – 3,6 m	1,65 kg/bm
fence 120 basic colour	FOREST/FOREST	120 × 11 mm	-	1,3 – 3,6 m	1,65 kg/bm
fence 120 PLUS colour	FOREST/FOREST	120 × 11 mm	3,6 m	1,3 – 3,6 m	1,65 kg/bm

* Fence profile 90 is not available in colour options marked **+**
 Dimensional tolerance: length +/- 10 mm; width +/- 2 mm; thickness +/- 1 mm.

COLOUR OPTIONS

CEDAR



CEDAR PLUS



TEAK



TEAK PLUS



PALISANDER



PALISANDER PLUS



MAHAGON



INOX



PATINA PLUS



EBEN



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 fences.

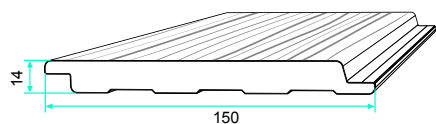
Technical properties of the TERAFAST® Fence 90 and 120 profile

Basic characteristics	Property	Standard
Max. distance of supports	800mm	
Swelling in thickness	2,6 %	ČSN EN 317
Water absorption	3,1%	ČSN EN 317
Shrinkage after heat stress	0%	ČSN EN 479-2018
Impact resistance 23°C and -10°C	10 J – pass	ČSN EN 477
Cadmium content	>1 mg/kg	
Thermal expansion +30 up to +80 °C	$2,57 \cdot 10^{-5} \text{ K}^{-1}$	
Surface hardness	91 N/mm ²	
Density	1,21-1,24 g/cm ³	
Thermal conductivity	0,072 W/(m*K)	



TERAFEST
CLADDING

PROFILES



PROPERTIES

profile	texture	dimensions	length	weight
cladding 150	FOREST	150 × 14 mm	3,3 m	2,1 kg/bm

Dimensional tolerance: length +/- 10 mm; width +/- 2 mm; thickness +/- 1 mm.

COLOUR OPTIONS

CEDAR



TEAK



PALISANDER



MAHAGON



INOX



EBEN



Technical properties of the TERAFAST® Cladding profile 150

Basic characteristics	Property	Standard
Max. distance of supports	500mm	
Reaction to fire	E, E _{fi}	ČSN EN ISO 11925-2
Swelling in thickness	2,6 %	ČSN EN 317
Water absorption	3,1%	ČSN EN 317
Shrinkage after heat stress	0%	ČSN EN 479-2018
Impact resistance 23°C and -10°C	10 J – pass	ČSN EN 477
Deflection under a load of 250N	4,33 mm	ČSN EN 15534-1
Deflection at 250N load after cyclic moisture stress	5,02 mm	ČSN EN 15534-1
Cadmium content	>1 mg/kg	
Thermal expansion +30 up to +80 °C	2,57*10 ⁻⁵ K ⁻¹	
Surface hardness	91 N/mm ²	
Density	1,21-1,24 g/cm ³	
Thermal conductivity	0,072 W/(m*K)	