

DECKING / FENCES / CLADDING 2025

I AM TERAFEST®

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.



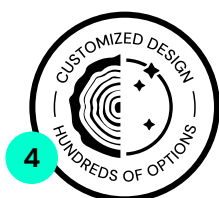
I AM SAFE

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

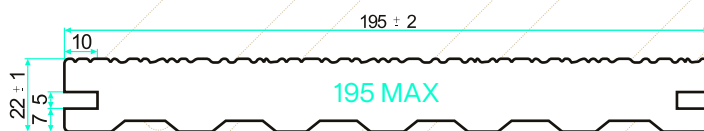
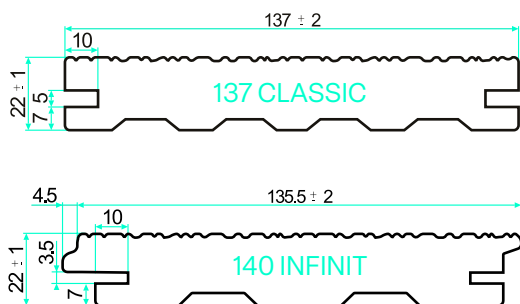


	FOREST	NATUR	RUSTIC	SMOOTH	GROOVE
Cedar	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic
Cedar PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
Teak	137 Classic 195 Max 140 Infnit	137 Classic 136 Classic Ecoline	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic
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
Palisander PLUS	137 Classic 140 Infnit	137 Classic	137 Classic 140 Infnit	137 Classic	✗
Merbau PLUS	137 Classic	137 Classic	✗	✗	✗
Mahagon	137 Classic 195 Max 140 Infnit	137 Classic 136 Classic Ecoline	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic
Inox	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic 195 Max 140 Infnit	137 Classic	137 Classic
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



DECKING TERAFFEST
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 Infnit**	140 × 22 mm	4 m	2 - 6 m	3,4 kg/lm

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

** Profile 140 Infnit 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.

FOREST TEXTURE

TECHNICAL PROPERTIES



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Forest	195 Max Forest	140 Infnit 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.

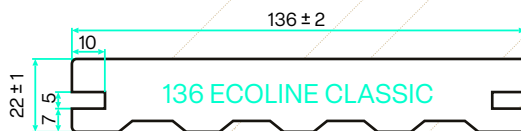
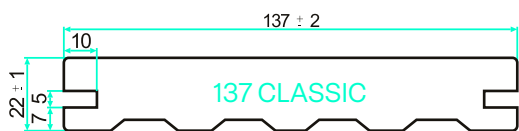
Other technical properties

Characteristics	Standard	137 Classic Forest	195 Max Forest	140 Infnit 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 TERAFFEST
NATUR TEXTURE

PROFILES WITH NATUR TEXTURE



PROPERTIES

profile	dimensions	stock length	custom length	weight
137 Classic	137 × 22 mm	4 m	2 - 6 m	3,3 kg/lm
136 Ecoline Classic	136 × 22 mm	4 m	2 - 6 m	3,3 kg/lm

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. 136 Ecoline Classic boards are available in two color options, Teak and Mahagon. These colors are designed to resemble basic color tones. However, because they are made from 100% recycled material, the resulting color tone can be slightly changed during production. This gives the boards their authentic and natural look, which harmoniously complements any decking or facade.



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Natur	136 Ecoline Classic Natur
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	28,6 MPa
Modulus of elasticity	ČSN EN 310	5114 Mpa	5114 Mpa
Impact strength	ČSN EN 477	20 J – pass	20 J – pass
Slipperiness Dry (parallel/perpendicular)	ČSN P CEN/TS 15676	81/93	81/93
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	44/54	44/54
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 % 14,1 %
UV radiation resistance – before ageing – 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	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
Thermal conductivity	ČSN EN 12667	0,072 W/(m*K)	0,072 W/(m*K)

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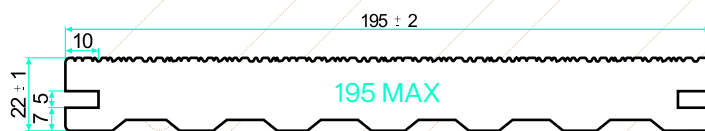
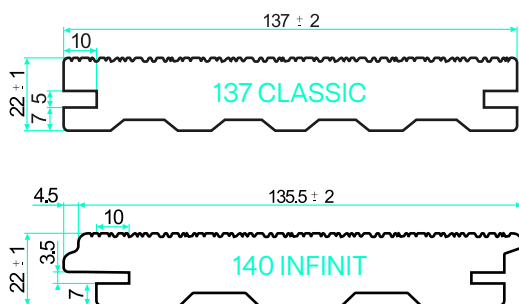
Other technical properties

Characteristics	Standard	137 Classic Natur	136 Ecoline Classic Natur
Antistatic properties	ČSN EN 1815	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
Formaldehyde emissions	ČSN EN 717-1	< 0.028 mg/m ³ pass	< 0.028 mg/m ³ pass



DECKING TERAFFEST
RUSTIC TEXTURE

PROFILES WITH RUSTIC 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 **+**
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 Infnit 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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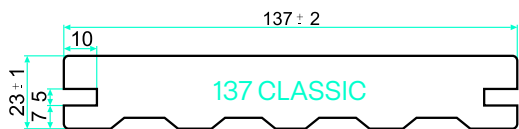
Other technical properties

Characteristics	Standard	137 Classic Rustic	195 Max Rustic	140 Infnit 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 TERAFFEST
SMOOTH TEXTURE

PROFILES WITH SMOOTH TEXTURE



PROPERTIES

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

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 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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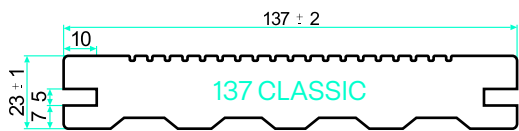
Other technical properties

Characteristics	Standard	137 Classic 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 TERAFFEST
GROOVE TEXTURE

PROFILES WITH GROOVE TEXTURE

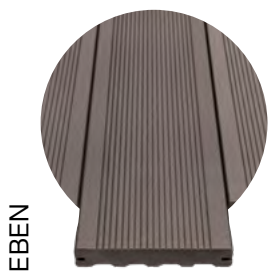
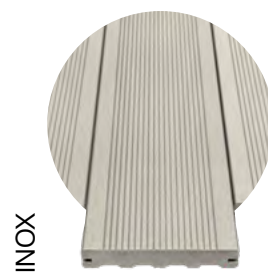
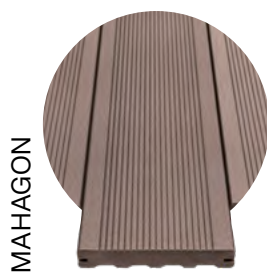
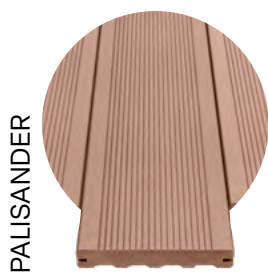
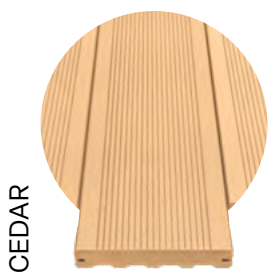


PROPERTIES

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

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

COLOUR OPTIONS



GROOVE TEXTURE

TECHNICAL PROPERTIES



Technical properties according to ETA 23/0919*

Basic characteristics	Standard	137 Classic Groove
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	80/98
Slipperiness Wet (parallel/perpendicular)	ČSN P CEN/TS 15676	52/72
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	30 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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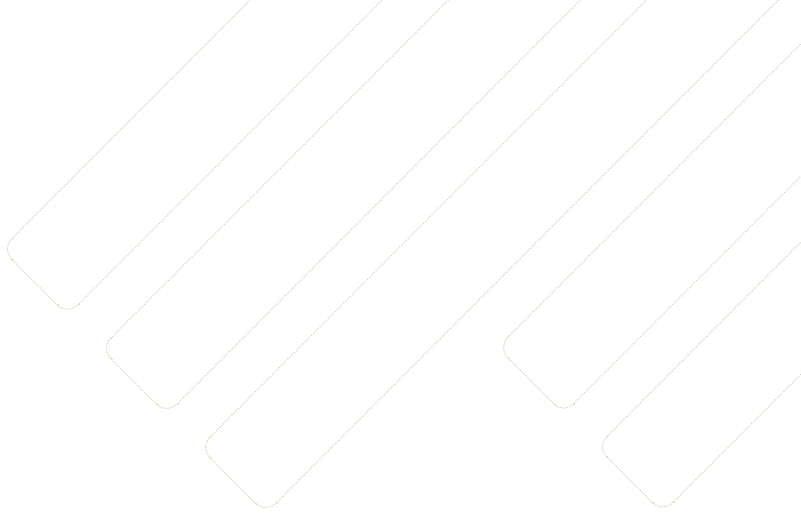
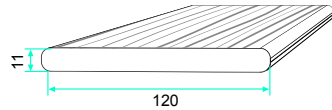
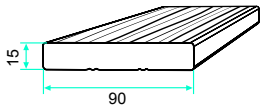
Other technical properties

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



TERAFEST
FENCES

FENCES PROFILES

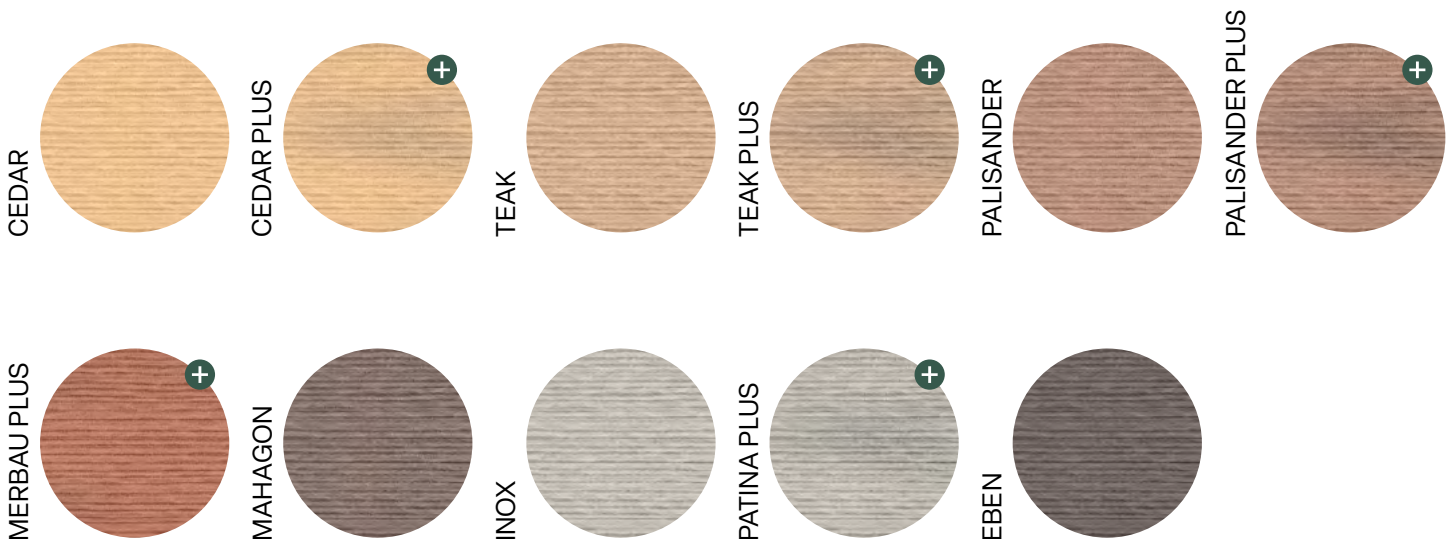


PROPERTIES

profile	texture	dimensions	stock length	custom length	weight
Fence 90* basic colour	FOREST/FOREST	90 × 15 mm	-	1,0 – 3,6 m	1,65 kg/lm
Fence 120 basic colour	FOREST/FOREST	120 × 11 mm	-	1,0 – 3,6 m	1,65 kg/lm
Fence 120 PLUS colour	FOREST/FOREST	120 × 11 mm	3,6 m	1,0 – 3,6 m	1,65 kg/lm
Fence 120 basic colour	NATUR/FOREST	120 × 11 mm	-	1,0 – 3,6 m	1,65 kg/lm
Fence 120 PLUS colour	NATUR/FOREST	120 × 11 mm	-	1,0 – 3,6 m	1,65 kg/lm

* Fence profile 90 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 fences.

Technical properties of the TERAFFEST® 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 DECKING ACCESSORIES

AL-SMART SYSTEM





JOISTS

			
Product	AL-SMART joist 25	AL-SMART joist 40	AL-SMART joist 75
Dimensions	35 × 25 mm	40 × 40 mm	40 × 75 mm
Length	4 m	4 m	4 m
Material	aluminium	aluminium	aluminium
Underlying	400 mm	600 mm	1000 mm





CLIPS

				
Product	AL-SMART STANDARD CLIP	AL-SMART START CLIP 7 mm	AL-SMART CLIP ROTATING A (for profiles 137 Classic, 195 Max)	AL-SMART CLIP ROTATING B (for profile 140 Infnit)
Material	plastic	spring steel	stainless steel	stainless steel

COUPLING AND ANGLES




				
Product	AL-SMART joist coupling 25	AL-SMART joist coupling 40	AL-SMART joist coupling 75	AL-SMART coupling angle
Material	aluminium	aluminium / stainless steel	aluminium / stainless steel	aluminium / stainless steel

AL-SMART ADDITIONAL ACCESSORIES

				
Product	AL-SMART NUT FOR BOTH SIDED CLIP 140 Infnit (1/2)	AL-SMART SCREW FOR BOTH SIDED CLIP 140 Infnit (2/2)	CLICK CLIP START A4 7 mm	CLIP START A2 - black
Material	stainless steel	stainless steel	stainless steel	stainless steel

DECKING ACCESSORIES

JOISTS






			
Product	joist	joist	AL-BLACK joist
Dimensions	50 × 30 mm	50 × 50 mm	35 × 50 mm
Length	4 m	4 m / 3 m	4 m
Material	WPC	WPC	aluminium
Underlying	150 mm	300 mm	800 mm

COUPLING

	
Product	AL-BLACK joist coupling 50
Material	aluminium

CLIPS






FOR PROFILES 137 CLASSIC AND 195 MAX

	Product	Material
	STANDARD CLIP A4	stainless steel
	START CLIP A4	stainless steel
	CLICK CLIP START A4 7 mm	stainless steel
	START CLIP A2 - black	stainless steel
	STANDARD CLIP - black	stainless steel

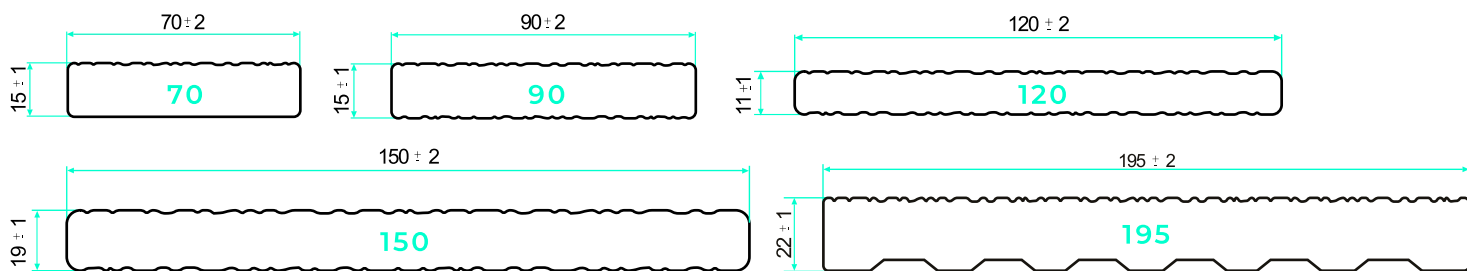
FOR PROFILE 140 INFINIT

	Product	Material
	DOUBLESIDED CLIP A2 / A4 3 mm	stainless steel
	DOUBLESIDED CLIP A4 5 mm	stainless steel
	START CLIP A4	stainless steel
	START CLIP A2 - black	stainless steel
	AL-BLACK STANDARD CLIP UNI	plastic
	AL-BLACK STANDARD CLIP PRO	plastic
	AL-BLACK FIXATION POINT A2	stainless steel

SCREWS

					
Product	stainless steel screw A4 for finishing board 4,0 × 60 mm	stainless steel screw A4 3,5 × 25 mm (for clip for WPC joist)	stainless steel screw A4 3,5 × 35 mm (for clip for WPC joist)	stainless steel screw A2 TEX 3,9 × 16 mm	stainless steel screw A2 TEX 3,9 × 25 mm
Material	stainless steel	stainless steel	stainless steel	stainless steel	stainless steel

FINISHING BOARDS



profile	dimensions	texture	length	weight
Finishing board 70	70 × 16 mm	FOREST / SMOOTH	2 m	1,4 kg/lm
Finishing board 90	90 × 16 mm	FOREST / SMOOTH *	2 m	1,7 kg/lm
Finishing board 90	90 × 16 mm	FOREST / RUSTIC NEW	2 m	1,7 kg/lm
Finishing board 120	120 × 11 mm	FOREST / RUSTIC *	3 m	1,7 kg/lm
Finishing board 120	120 × 11 mm	FOREST / NATUR NEW	3 m	1,7 kg/lm
Finishing board 150	150 × 19 mm	FOREST / RUSTIC	4 m	3,4 kg/lm
Finishing board 195	195 × 22 mm	FOREST	4 m	4,7 kg/lm

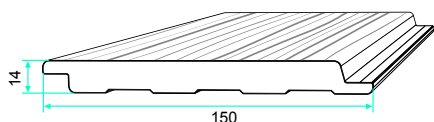


* Sale of stock 2025



TERAFEST CLADDING

PROFILES



PROPERTIES

profile	texture	dimensions	stock length	weight
Profile 150 PANEL	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



CLADDING

TECHNICAL PROPERTIES

Technical properties of the TERAFFEST® Cladding profile 150 PANEL

Basic characteristics	Property	Standard
Max. distance of supports	500mm	
Reaction to fire	E, E _{fl}	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)	