



FENCES TERAFFEST®
PRODUCT CATALOGUE

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PROFILES



90



120



119 ECO



90 RHOMBUS

TEXTURES



FOREST



FOREST



FOREST



SMOOTH
unbrushed



NATUR



SMOOTH
brushed



RUSTIC

COLOURS



Cedar



Cedar
Cedar PLUS



Cedar



Teak



Teak
Teak PLUS



Teak



Teak



Palisander



Palisander
Palisander PLUS



Palisander



Merbau PLUS



Mahagon



Mahagon



Mahagon



Mahagon



Inox



Inox
Patina PLUS



Inox



Eben



Eben



Eben

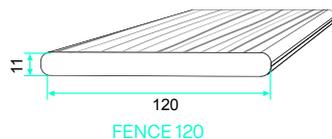
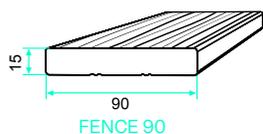


Eben



TERAFEST®
FENCES 90 AND 120

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.

FENCES 90 and 120

TECHNICAL PROPERTIES

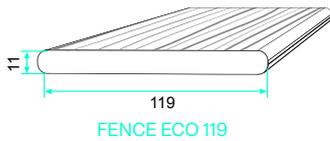
Technical properties of the TERAFFEST® Fences 90 and 120 profile

Basic characteristics	Property	Standard
Max. distance of supports	800mm	
Swelling in thickness	2,6 %	EN 317
Water absorption	3,1%	EN 317
Shrinkage after heat stress	0%	EN 479-2018
Impact resistance 23°C and -10°C	10 J – pass	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®
FENCES 119 ECO

FENCES PROFILES



PROPERTIES

profile	texture	dimensions	stock length	custom length	weight
fence 119 ECO	FOREST/FOREST	119 × 11 mm	-	3,6 m	1,65 kg/lm

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

COLOUR OPTIONS



FENCE 119 ECO

TECHNICAL PROPERTIES

Technical properties of the TERAFFEST® Fence 119 ECO profile

Basic characteristics	Property	Standard
Max. distance of supports	800mm	
Swelling in thickness	2,6 %	EN 317
Water absorption	3,1%	EN 317
Shrinkage after heat stress	0%	EN 479-2018
Impact resistance 23°C and -10°C	10 J – pass	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)	

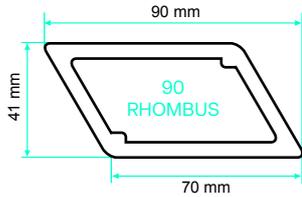
This is a 100% recycled product made of TERAFFEST® material.



TERAFEST®
FENCES 90 RHOMBUS

PROFILE

The 90 RHOMBUS product is a lightweight, thin-walled profile made of TERAFFEST® composite material. It has many uses. It can be used as a cladding profile for building facades, but also as an element of partial shading of the facade and terrace. It has also been certified as a balcony infills.



PROPERTIES

profile	dimension	length	weight
90 RHOMBUS	90(70) × 41 mm	1 – 3 m	1,35 kg/lm

TEXTURES & COLOURS

The profile is available in 3 variants of textures. The basic variant is the brushed RUSTIC texture. This texture and its colour match the TERAFFEST® decking boards. The second option is brushed SMOOTH texture. The third option is the unbrushed SMOOTH texture, in which the full shades of TERAFFEST® colours stand out.

The underside and sides of 90 RHOMBUS are always in SMOOTH unbrushed finish.

RUSTIC



SMOOTH BRUSHED



SMOOTH UNBRUSHED



90 RHOMBUS fences profiles are available in the following colours.

CEDAR



TEAK



PALISANDER



MAHAGON



INOX



EBEN



90 RHOMBUS

TECHNICAL PROPERTIES

Basic properties

Properties	Standard	Value
Shrinkage after thermal stress	EN 479	0 %
Impact resistance from falling weights / Impact strength	EN 477	Intact
Reaction to fire	EN 13501-1 EN 11925-2	E
Sweling	EN 317	Average values: ≤ 10% in thickness ≤ 1.5% in wide ≤ 0.6 % in length Individual values: ≤ 12% in thickness ≤ 2.0% in width ≤ 1.2 % in length
Water absorption	EN 317	Average ≤ 8.0% by weight Individual Values ≤ 10.0% by weight
Cadmium content	Expert test method	< 1mg / 1kg
UV resistance (before/after aging)		2,58 kJ/m ² /2,61 kJ/m ²

Extended fire properties

Parameter	Standard	Value
Gross calorific value	EN ISO 1716	27,094 MJ/kg

Gap between profiles	Heat released in a fire	Fire openness of the area
30 mm	379 MJ.m ²	Fully open
50 mm	316 MJ.m ²	Partially open
50 mm (vertically installation)	391 MJ.m ²	Fully open