

# DECKING

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## FENCES CLADDING



FOR A LIFE  
WITHOUT  
PAINTING

**WOOD  
PLASTIC®**

MANUFACTURER OF COMPOSITE MATERIALS



# DISCOVER WoodPlastic® DECKING AND ITS FEATURES

“ NATURE’S WORK PERFECTED. ”

Fall in love with WoodPlastic® decking retaining the appearance and stability of wood while eliminating all its shortcomings.

This revolutionary wood-plastic composite material combines wood and a high-quality, non-toxic HDPE polymer at just the right ratio (60:40), making it one of the strongest and most durable low maintenance materials for your decking.

The ideal properties for exterior use were achieved thanks to the revolutionary process and laser technology of Strandex (USA), which is one of the most advanced WPC technologies owing to many years of development and testing.



Thanks to its sophisticated composition, our decking is highly resistant against the weathering effects of rain, sun, frost and snow, in addition to chlorinated and salt water, wood-decaying fungi, rot and insects. It also resists mechanical damage very much like hardwood.



The WoodPlastic® decking, unlike wooden ones, requires no waxing, oil-coating, or any other kind of surface treatment. Maintenance is easy: simply rinse with flowing water – more time left for fun!



You can believe in WoodPlastic® products. That's why we provide a warranty lasting up to 25 years. Laboratory tests, however, estimate the durability of WoodPlastic® decking to have a very long service life.



WoodPlastic® decking is made in original patterns and a very wide selection of colors. It looks and feels like wood. In addition, it contains no toxic substances and is 100% recyclable.



WoodPlastic® decking has an anti-slip surface, and unlike wood, never leaves splinters. That makes it completely safe, convenient for walking barefoot, and a perfect fit for your swimming pool or hot tub.



WoodPlastic® products are made in the Czech Republic with US-licensed Strandex technology, which is among the most advanced in the world thanks to many years of development.



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### MANUFACTURING



A woman's legs in red high heels are shown from the knees down, standing on a wooden deck. One leg is raised, showing the heel. A young child with curly hair, wearing a red shirt and blue jeans, is sitting on the deck, looking up at the legs. The background is a bright blue sky with white clouds and two hot air balloons. The deck is made of wooden planks.

NOT AT ALL!

WOULD YOU MIND?

ARE YOU MADE OF WOOD?

YES AND NO

THANKS





# STAR

“CLASSIC AND TIMELESS”

**PREMIUM**



**DIMENSIONS:** 137 x 23 x 4000 mm  
**WEIGHT:** 3.4 kg/lm  
**CAPACITY:** 450 kg/m²

**MAX**



**DIMENSIONS:** 195 x 23 x 4000 mm  
**WEIGHT:** 4.9 kg/lm  
**CAPACITY:** 450 kg/m²

The clean lines of STAR grooved boards will give your decking a classic look. Thanks to their anti-slip surface the deck boards STAR are ideal option for swimming pools, garden ponds or spa baths.



## A TIP FOR YOU...

Pay close attention to the selection of comfortable outdoor furniture. Why to waste time worrying about your decking when you can devote all your time to your family and friends at dinners and celebrations together.





# FOREST

I'M THE  
MOST POPULAR  
CZECH  
DECKING

“ORIGINAL AND IMPRESSIVE”

**PREMIUM**



**DIMENSIONS:** 137 x 22 x 4000 mm  
**WEIGHT:** 3.3 kg/lm  
**CAPACITY:** 450 kg/m²

**MAX**



**DIMENSIONS:** 195 x 22 x 4000 mm  
**WEIGHT:** 4.6 kg/lm  
**CAPACITY:** 450 kg/m²

FOREST deck boards literally enthuse design lovers. You'll be impressed with a perfectly smooth surface, pleasing you and your smallest children every time you touch them.



**+ A TIP FOR YOU...**  
Support the luxurious appearance of the decking by using elegant, extra wide MAX profile (195 mm). Wider deck boards and a lower number of expansion gaps will ensure a trendy look!

- CEDAR
- TEAK
- PALISANDER
- NEW**  
WENGE
- INOX
- EBEN





25  
YEARS



I'M  
A WINNER  
OF GRAND  
PRIX 2015

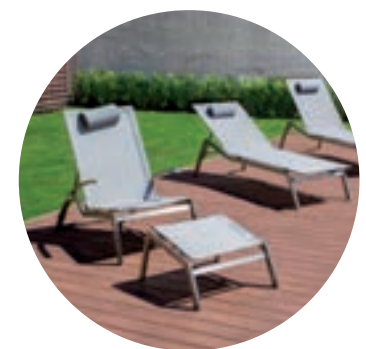
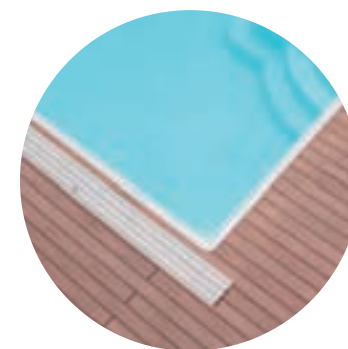
# FOREST PLUS

## "A PEARL AMONG DECKING"

A distinctive surface structure in combination with delicate brindle finish make FOREST PLUS deck boards a design gem.

The pigmentation gives the decking a unique luxurious appearance, which is further enhanced by an impression of exotic wood.

The breathtaking appearance will delight your refined taste and the pleasantly soft surface will directly stimulate your senses.



CEDAR

TEAK

MERBAU

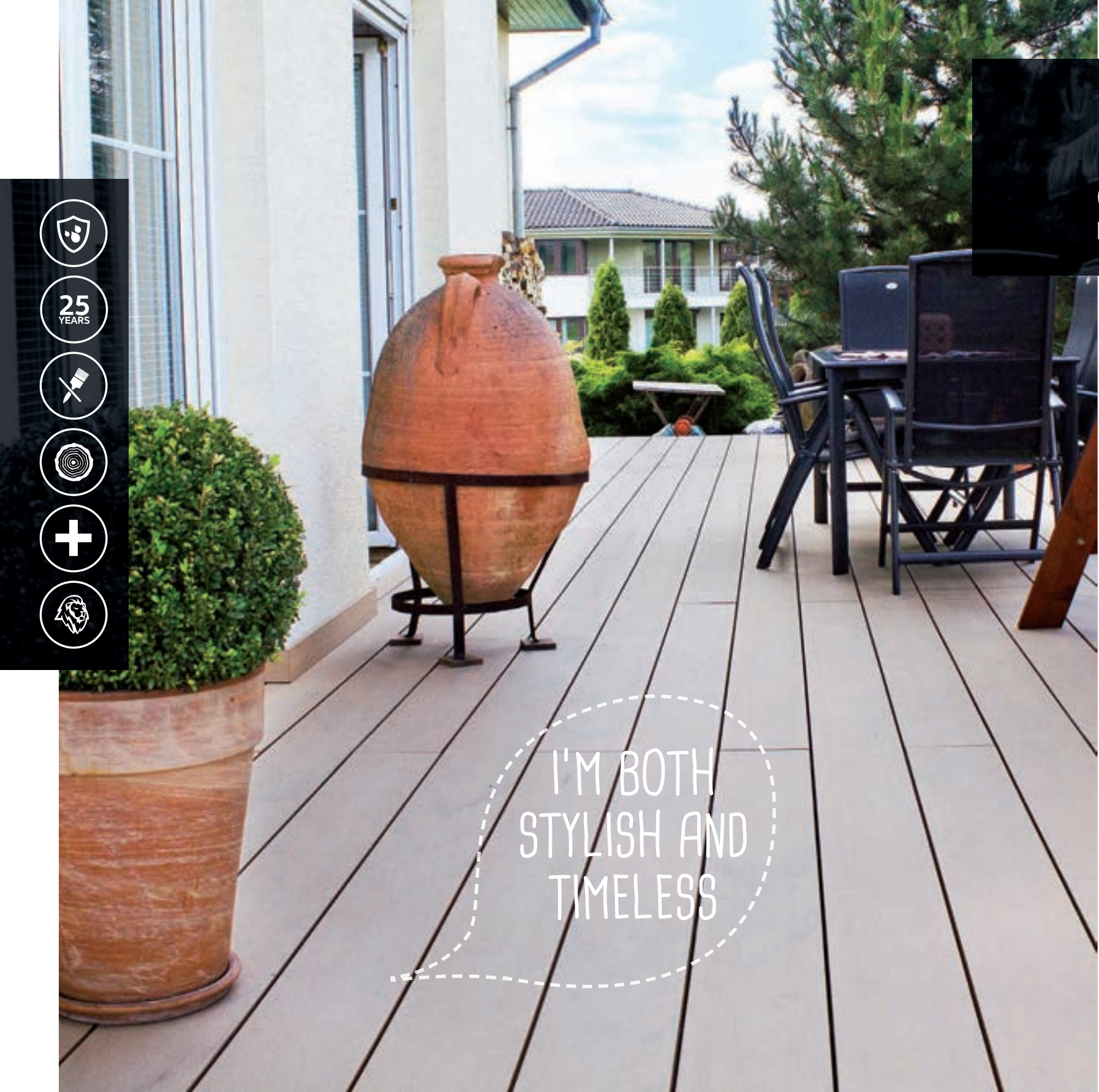
PALISANDER

INOX

## A TIP FOR YOU...

Relax on your decking and enjoy the warm rays of sunshine and the blue sky above. You have nothing else to do! By complementing your decking with roofing, it will become your favourite room, whether it's summer or winter.

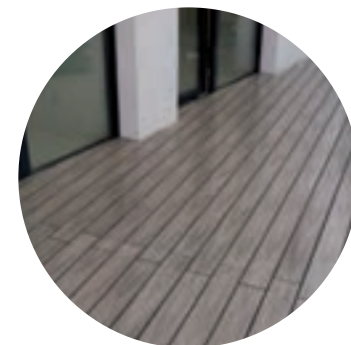




# STYLE PLUS

## "ELEGANCE AND STYLE"

STYLE PLUS deck boards stand out with their smooth surface in combination with unevenly distributed brindle finish. Thanks to sensitively selected coloring, the decking is perfectly suitable for every house or flat regardless of the type of architecture. The smooth, polished relief-free surface will never lose its originality, thus pre-destining the boards for universal use.



## A TIP FOR YOU...

Blooming flowers will beautify your decking. Make flower pots out of WoodPlastic® profiles. You'll appreciate their stability thanks to the greater weight, nearly maintenance-free material and an appearance that is in perfect harmony with your decking.



# REFERENCES

WOODPLASTIC® PRODUCTS DECORATE  
THOUSANDS OF GARDENS IN THE CZECH  
REPUBLIC AND IN MANY OTHER COUNTRIES  
WORLDWIDE.

PREMIUM  
**FOREST  
PLUS**  
MERBAU



PREMIUM  
**STAR**  
PALISANDER



PREMIUM  
**STYLE  
PLUS**  
TEAK



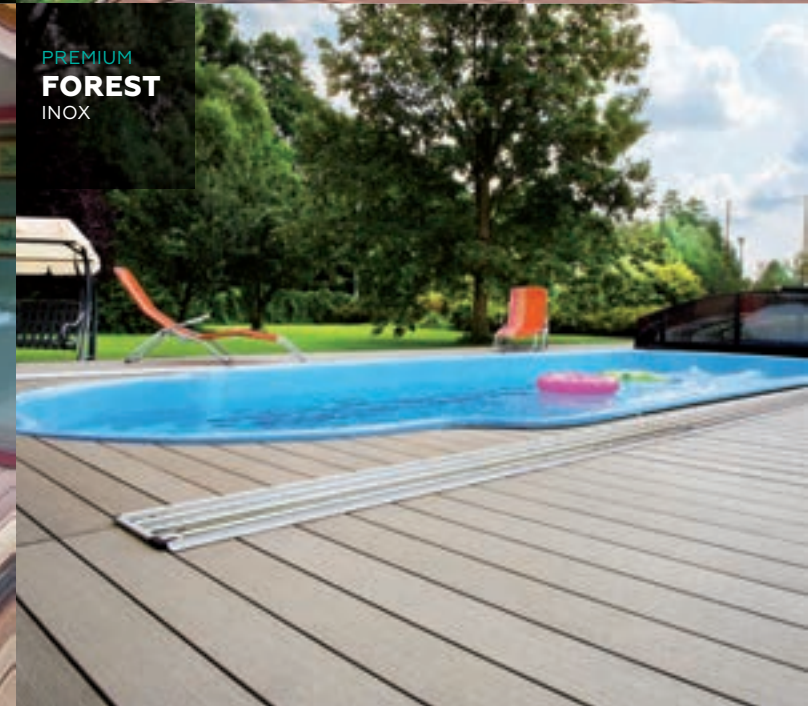
PREMIUM  
**FOREST  
PLUS**  
PALISANDER



PREMIUM  
**STAR**  
PALISANDER



PREMIUM  
**FOREST  
INOX**



PREMIUM  
**FOREST  
PLUS**  
TEAK



MAX  
**STAR**  
PALISANDER



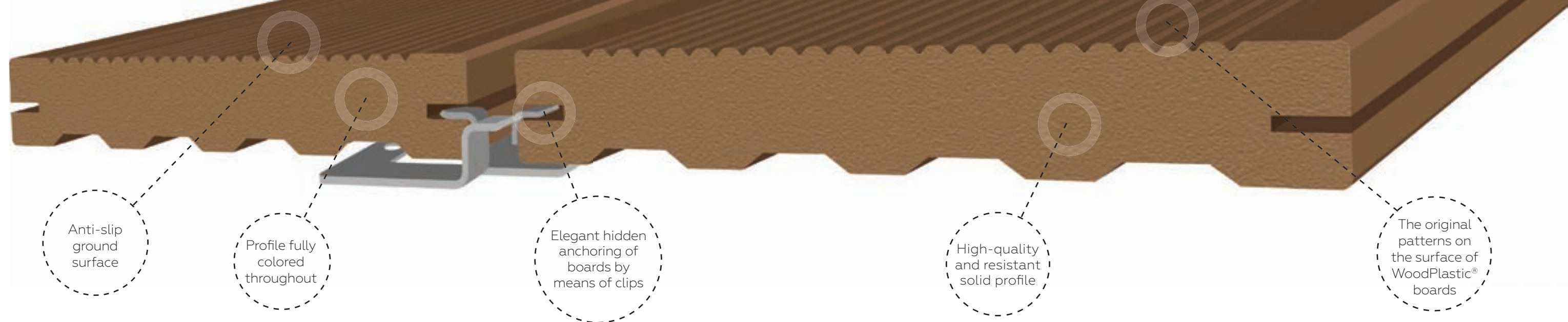
PREMIUM  
**STAR**  
PALISANDER  
+ TEAK



PREMIUM  
**FOREST  
PLUS**  
TEAK







# DO NOT LIMIT YOUR IDEAS AND PLANS

WoodPlastic® profiles offer so many undreamed possibilities. Thanks to their properties and long service life they are suitable to install wherever they can be used as an alternative to wooden products\*. So use your imagination and start planning an interesting decking, fence, cladding and other striking exterior elements and details.

\* Check specific assembly possibilities with your dealer or manufacturer.

## IDEAL FOR...

- outdoor decking and front gardens, entrance flooring
- flooring for gazebos and pergolas, winter gardens
- flooring on balconies, roof decking
- external flooring leading to swimming pools and garden ponds
- garden paths and pavements
- flooring for wine cellars
- lining around spa baths and stairs
- flooring in garden restaurants
- piers and coastal boardwalks
- garden furniture and benches, garden pots
- decking in mountain resorts
- and many others...

## INSTALLATION AND ACCESSORIES



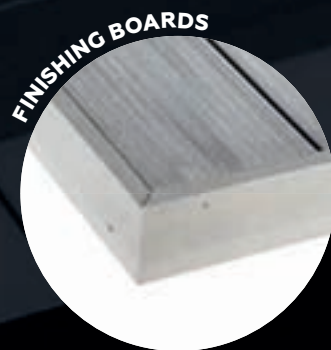
Our original WoodPlastic® joists serve as a support structure for deck boards\*. Choose from two variants:

**LARGE JOISTS:** 50 x 50 x 3000/4000 mm,  
Weight: 2.3 kg/lineal meter  
**SMALL JOISTS:** 50 x 30 x 3000/4000 mm,  
Weight: 1.4 kg/lineal meter



For easy fastening of boards to joists, use stainless steel clips and screws. The installation of boards is carried out using the concealed fastening system.

**FASTENING MATERIAL:**  
Stainless clips  
(BASIC, DOUBLE, STARTUP)  
Stainless screws

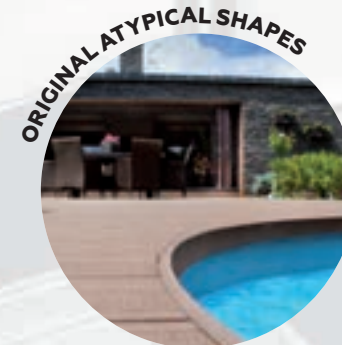


Finish the sides of your decking professionally with our WPC profiles.

**FINISHING BOARDS**  
70 x 16 x 2000 mm, 1.4 kg/lm  
90 x 16 x 2000 mm, 1.7 kg/lm  
137 x 23 x 4000 mm, 3.6 kg/lm  
195 x 23 x 4000 mm, 5.0 kg/lm

\* Note: Deck boards are not a structural element.

## TIPS FOR INSTALLATION



The WPC material can be utilized just as with hardwood. It is possible to cut almost any atypical or rounded shapes into the decking, which can be even copied by moldable edging strips.



Deck boards make it possible to line stairs connected to a decking or stairs around a swimming pool or spa bath.



Combine colors and types of boards, install the boards in various directions. The decking will get a unique look that you will enjoy.

ALWAYS FOLLOW OFFICIAL INSTALLATION  
INSTRUCTIONS DURING INSTALLATION





# DISCOVER WoodPlastic® FENCE SLATS AND THEIR PROPERTIES

Discover revolutionary WoodPlastic® fence slats that perfectly comply with the demands of modern society, and never waste your time painting again.

Fence slats made of wood-plastic composite material manufactured under the Strandex license are highly resistant to the usual vagaries of the weather, they require no surface treatment, and yet they don't age and maintain their color for a long time. They'll also enchant you with their natural appearance in many color variations and with a great variability of utilisation.

Experience a sense of privacy and security in a modern style. With a guarantee of up to 25 years.

ARE YOU  
FRESHLY  
PAINTED?

NO, IT ISN'T  
NECESSARY  
TO PAINT ME



Thanks to its unique composition, WoodPlastic® fence slats are resistant against environmental effects (rain, sunshine, frost and snow), wood-destroying fungus, rot and insects. Resistance to mechanical damage is similar to hard wood.



WoodPlastic® fence slats require very little maintenance – just install them and enjoy. They do not require painting, staining or any kind of surface treatment. If necessary, they can simply be washed with water. This will save you a lot of time and money.



You can trust WoodPlastic® products, which is why we offer up to a 25-year warranty period. Laboratory tests have estimated the very long lifetime of WoodPlastic® products.



WoodPlastic® fence slats come with original patterns and a very large assortment of permanent colors. They are indistinguishable from real wood. Our manufacturing is environmentally friendly and the slats are 100% recyclable.



WoodPlastic® fence slats do not splinter, unlike those made of wood. The material is completely safe and does not contain PVC or any toxic materials, so it poses no health risk.



WoodPlastic® products are manufactured in the Czech Republic using the licensed American Strandex technology, whose long development places it among the most modern and reliable in the world.





WE'RE  
IMPRESSIVE  
AND HAVE  
STYLE

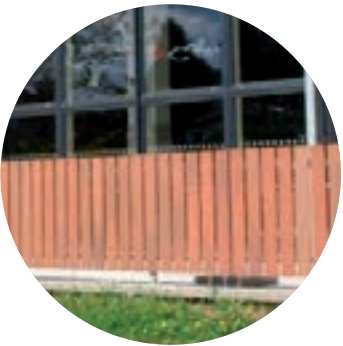
# FENCE SLATS 120 FOREST

“ATTRACTIVE AND STYLISH”

Thanks to unmistakable FOREST structure on both sides, the stylish FENCE SLATS 120 will be your garden jewel. Attractive texture pleasing to the eye, hiding minor impurities, like dust or pollen. Elegant wider board profile, and what is more, it speeds up installation.



**DIMENSIONS:** 120 x 11 mm  
**LENGTHS:** 100, 120, 150, 200 cm  
**WEIGHT:** 1.7 kg/lm



## A TIP FOR YOU...



Fence slats 120 will find unexpected use as finishing boards for decking. The weaker profile absolutely pre-destines them for easy shaping and installation around rounded decking corners. Try this profile as a cover strip when connecting decking to a swimming pool.





WE'RE  
UNIVERSAL  
AND  
PRACTICAL

# FENCE SLATS 90 FOREST

“CLASSICS FOR DISCERNING TASTES”

The FENCE SLATS 90 feature a traditional, more robust profile with a 15mm thickness. Popular FOREST structure, found on both sides of the fence slats, adds originality to fence profiles. Also allows to perfectly harmonize your fence with the decking of the same look. Thus you will achieve a completely unified impression.



## A TIP FOR YOU...

Also don't be afraid to make use of the fence slats as panels for filling doors, gates, or other fence and garden elements. You can combine the color variations of the fence slats to achieve a totally unique look.



# DISCOVER THE NEW GENERATION ECO CLADDING PROFILES

I'M  
SORRY

NO WORRIES,  
I DON'T MIND  
WATER



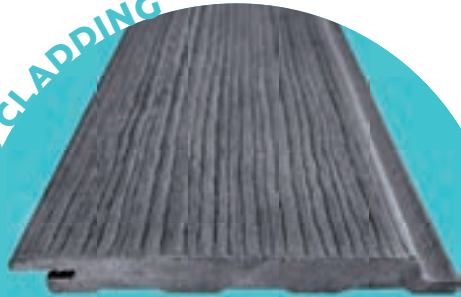


# ECO CLADDING FOREST

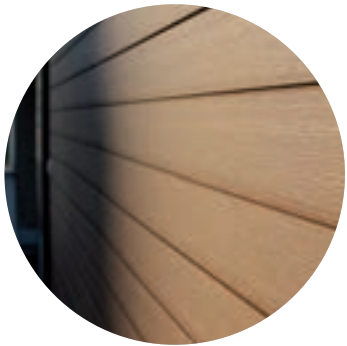
“PERFECT COAT FOR YOUR EXTERIOR”

Thanks to their special design, the ECO cladding profiles are the original choice for facing walls or other architectural elements. For high durability they are the perfect long-term solution for wall cladding around decking, garden walls, pergolas and parking sheds.

**ECO CLADDING**



**DIMENSIONS:** 150 x 14 x 3100 mm  
**EFFECTIVE COVER WIDTH:** 143 mm +/- 2 mm  
**WEIGHT:** 2.1 kg/lm



## A TIP FOR YOU...

ECO cladding installation is easy thanks to the concealed anchoring. Cladding profiles are installed on the joists using high-quality stainless steel clips and screws that remain hidden between profiles. Therefore the cladding looks highly elegant.

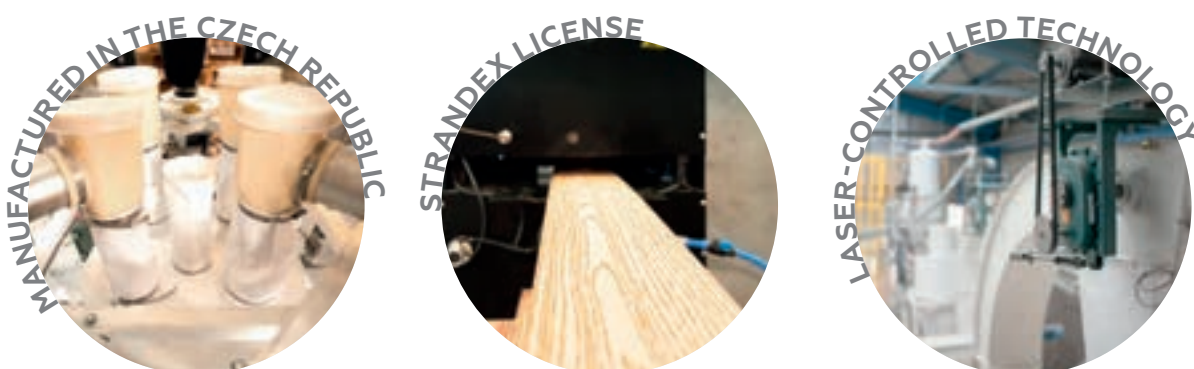


# MADE IN THE HEART OF EUROPE

WE MANUFACTURE WOODPLASTIC® PRODUCTS IN THE CZECH REPUBLIC UNDER LICENSE OF THE STRANDEX CORPORATION, USA.

We are the only company in Europe to have the laser-controlled Strandex technology system, which is ranked amongst the most progressive global WPC technologies with maximum precision production in this sector, at our disposal. We guarantee product origin and the observance of a unique manufacturing process under the Strandex license.

The success of Strandex technology based on a quality recipe and above-average quality products makes us a leading manufacturer and sellers of WPC products in Central Europe, where we have hundreds of stores and installation partners.



## "WITH MAXIMUM RESPONSIBILITY AND CARE"

### ISO 9001, ISO 14001, OHSAS 18001 CERTIFICATION

"We strive for the maximum quality of our products and at the same time behave responsibly towards the environment and all concerned parties."

### SUPPLIERS WITH PEFC CERTIFICATION

"The wood used for the WoodPlastic® production comes from forests managed sustainably, from suppliers with prestigious PEFC certification."



## WE ARE HAPPY WHEN SOMEONE PRAISES US ...

### THE CONCLUSIONS OF THE ANNUAL TECHNICAL AUDIT CONDUCTED BY THE STRANDEX CORPORATION

" The Evaluation of the quality and testing of finished products confirmed that the technological and test equipment is calibrated and maintained in perfect condition. The physical characteristics of the products exceed all standards set by Strandex licensing. An audit did not find any deficiencies and confirms that WoodPlastic® products achieve the highest quality. Congratulations to WPC – WOODPLASTIC a.s. for the successful operation of the factory in Bukovany, Czech Republic. "

### 2015 GRAND PRIX

" Our innovative solutions are successful - we are the winner of 2015 GRAND PRIX at the FOR GARDEN 2015 Fair, Czech Republic. "

## ...AND IF WE CAN PROUDLY ANSWER TO YOU

#### ■ What is so unique about the Strandex technology?

It is one of the most modern, laser-controlled, extrusion WPC technologies in the world. To achieve maximum accuracy and reliability in production, Strandex has devoted decades to developing and testing, also on the part of notable US universities.

#### ■ What are the properties of HDPE polymer and is it safe for human health?

HDPE is the ecological, safe for human health and 100% recyclable polymer, which is also used in the health sector. WoodPlastic® products therefore do not contain PVC or toxic substances.

#### ■ How do you guarantee the WoodPlastic® products for up to 25 years?

The guarantee is ensured by utilizing one of the most reliable technologies and formulas in the world, rigorously observed procedures and strict quality controls. Each of our production lines is connected online and monitored non-stop by specialists from the Strandex lab in the USA. Moreover, products made using Strandex technologies have also been successfully tested in various climatic zones worldwide.

READ MORE:





# TECHNICAL SPECIFICATIONS

PREMIUM DECK BOARDS	DIMENSIONS	ST. LENGTH	WEIGHT	CAPACITY
STAR	137 x 23 mm	4000 mm	3.4 kg/lm	450 kg/m²
FOREST	137 x 22 mm	4000 mm	3.3 kg/lm	450 kg/m²
FOREST PLUS	137 x 22 mm	4000 mm	3.3 kg/lm	450 kg/m²
STYLE PLUS	137 x 23 mm	4000 mm	3.5 kg/lm	450 kg/m²
MAX DECK BOARDS	DIMENSIONS	ST. LENGTH	WEIGHT	CAPACITY
STAR	195 x 23 mm	4000 mm	4.9 kg/lm	450 kg/m²
FOREST	195 x 22 mm	4000 mm	4.6 kg/lm	450 kg/m²
ACCESSORIES FOR DECKING	DIMENSIONS	ST. LENGTH	WEIGHT	
FINISHING BOARDS				
70	70 x 16 mm	2000 mm	1.4 kg/lm	
90	90 x 16 mm	2000 mm	1.7 kg/lm	
137	137 x 23 mm	4000 mm	3.6 kg/lm	
195	195 x 23 mm	4000 mm	5.0 kg/lm	
JOISTS				
LARGE JOIST	50 x 50 mm	3000, 4000 mm	2.3 kg/lm	
SMALL JOIST	50 x 30 mm	3000, 4000 mm	1.4 kg/lm	
CLIPS + SCREWS	MATERIAL	NUMBER OF ITEMS IN A PACKAGE	TYPE OF SCREW	DIMENSIONS OF SCREWS
STARTUP CLIP	stainless steel A2	50 pcs	torx - recessed head, inox	3.5x35/25 mm
BASIC CLIP	stainless steel A2	100 pcs	torx - recessed head, inox	3.5x35/25 mm
DOUBLE CLIP	stainless steel A2	50 pcs	torx - recessed head, inox	3.5x35/25 mm
FENCE SLATS	DIMENSIONS	LENGTH	WEIGHT	
120 FOREST	120 x 11 mm	100, 120, 150, 200 cm	1.7 kg/lm	
90 FOREST	90 x 15 mm	100, 120, 150, 200 cm	1.6 kg/lm	
CLADDING	DIMENSIONS	ST. LENGTH	WEIGHT	
ECO CLADDING	150 x 14 mm	3100 mm	2.1 kg/lm	
ACCESSORIES FOR CLADDING	MATERIAL	NUMBER OF ITEMS IN A PACKAGE	TYPE OF SCREW	DIMENSIONS OF SCREWS
STARTUP CLADDING CLIP	stainless steel A2	50 pcs	for wood joists- torx - recessed head, inox	3,5x35 mm
BASIC CLADDING CLIP	stainless steel A2	100 pcs	for wood joists- torx - recessed head, inox	3,5x35 mm

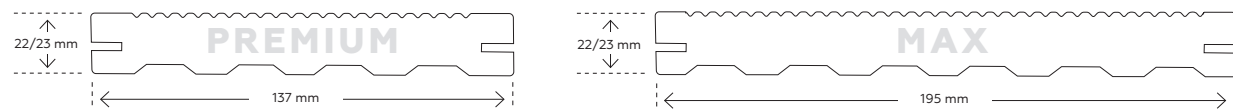
APPROXIMATE MATERIAL CONSUMPTION per m²	TOLERANCE
PREMIUM DECKING: 7 lm of boards, 2.8 lm of joists, 19 pcs of clips and screws	LENGTH +/- 10 mm
MAX DECKING: 5 lm of boards, 2.8 lm of joists, 14 pcs of clips and screws	WIDTH +/- 2 mm
ECO CLADDING: 7 lm of cladding profiles, 13 – 20 pcs of clips and screws (due to the distance of joists)	THICKNESS +/- 1 mm

\* Applicable values when complying with installation instructions. | Variations referred to as “plus” contain brindle finish.

TEST	VALUES
Flexural strength pursuant to ČSN EN 310, conditions according to P CEN/TS 15534-1, Paragraphs 5, 7.3.2.	21.7 MPa
Shrinkage by thermal stress (at 100°C, 60 min, longitudinal direction) pursuant to ČSN EN 479	0.02%
Impact strength (resistance to impact by falling mass in cold) pursuant to ČSN EN 477	0 % damaged
Slipperiness - coefficients of friction pursuant to ČSN 74 4507	Static on dry surface: 0.50
	Kinetic on dry surface: 0.62
	Static on wet surface: 0.61
	Kinetic on wet surface: 0.51
Swelling in water (28 days, 20°C) pursuant to ČSN EN 317, conditions according to ČSN P CEN/TS 15534-1, Paragraphs 5, 8.3	1.00%
Swelling up after moisture resistance test by cycling pursuant to ČSN EN 321	1.10%
Flexural strength after moisture resistance test by cycling pursuant to ČSN EN 321, conditions according to ČSN P CEN/TS 15534-1, Paragraphs 8.5.1, ČSN EN 310	20.3 MPa
Coefficient of Thermal Linear Expansion pursuant to ASTM D696	2.88*10 <sup>-5</sup> mm/m/°C
Reaction to fire for decking profiles pursuant to ČSN EN 11925-2, ČSN EN ISO 9239-1 ČSN EN 13501-1+A1	Dfí - s1
Reaction to fire for cladding profiles pursuant to ČSN EN 13 501–1 + A1	Class D
Reaction to fire for cladding profiles pursuant to ČSN EN 73 0863	D: is> 100 mm/min
Dimensional stability for cladding profiles pursuant to ČSN 64 0610	D: max. +0.10% for every direction
OTHER TESTS	RESULTS
Density	1210 kg/m³
Surface Hardness (Janka test method)	very hard wood
Termite resistance	No attack in the initial state and also over time
Resistance to fungus N34/EN318	Very durable material, the aging tests do not affect the durability

WARRANTY*	WOOD-DESTROYING FUNGI, ROT AND INSECTS	STANDARD WARRANTY
PREMIUM DECKING	25 years	60 months
MAX DECKING	25 years	60 months
FENCE SLATS	25 years	24 months
CLADDING PROFILES	25 years	24 months

\* The warranty does not cover damage caused by improper installation, maturation of colors, or water dust spots. To exercise the warranty it is imperative to comply with the manufacturer’s official installation manual.



TECHNICAL CONSTRUCTION CERTIFICATE No. 010-035107 is available for cladding profiles.  
Statement of product conformity with technical regulations is available for the terrace profiles (No. STO – AO 224 – 601/2014).  
The products were tested in Strandex (USA), in the P.O. laboratory (France), The Institute of Theoretical and Applied Mechanics AS CR (Telč, Czech Republic), Technical and Test Institute for construction Prague (Prague, Czech Republic), INSTITUTE FOR TESTING AND CERTIFICATION, a.s. (Zlín, Czech Republic) and the Center for Civil Engineering, the Fire-Technical Laboratory.  
The wood used to produce WoodPlastic® products comes from PEFC-certified sources.



**WPC – WOODPLASTIC a.s.**

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**WOOD  
PLASTIC®**

MANUFACTURER OF COMPOSITE MATERIALS

THOUSANDS OF  
IMPLEMENTATIONS  
WORLDWIDE