

# Patio Accessories Catalogue

Accessories  
at a glance +  
perfectly  
explained!





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# Accessories and Service Patio

## SYSTEM

- P. 04 **The NATURinFORM patio system**
- P. 08 **Patio planning**
- P. 14 **Overview of patio decks**

## PRODUCTS

- P. 18 **Substructure**
- P. 58 **Bases, height adjustment**
- P. 68 **Connections and edges**
- P. 75 **Corner profile for individual solutions**
- P. 76 **Drainage and ventilation**
- P. 78 **Joint profile tube**
- P. 80 **Lighting**
- P. 82 **Care and cleaning**

## SERVICE

- P. 88 **NATURinFORM**
- P. 93 **Customer service**







# Smart solution for every construction site

## The NATURinFORM patio system

NATURinFORM WPC patio decks have everything your heart desires for your favourite outdoor space: they are bare-foot-friendly, suitable for toys, weather-resistant, safe and particularly durable. Also when it comes to laying, we have thought of everything to make your work on site easier. The NATURinFORM patio system is a safe bet!

## Simple installation

Thanks to the high material quality, our patios will last for several generations – provided that professional installation and the right accessories are ensured. This catalogue includes all the necessary components and detailed explanations of how to use them.

## Best service

Do you have any questions, need help planning your patio, or are you unsure about installation? We offer a wide range of services to provide inspiration for your project and help you with the planning process. Use our free online configurator to pre-plan your patio, our sample service, our retailer search and tools such as guides or property references on our website.

Are you a professional who specialises in building WPC patios? Become part of our professional network! Participate in our special training courses for processors and exchange ideas with experts in this field at eye level. You can obtain further information directly from us. Please send us an e-mail to [service@naturinform.com](mailto:service@naturinform.com) if you are interested.



### NATURinFORM on YouTube!

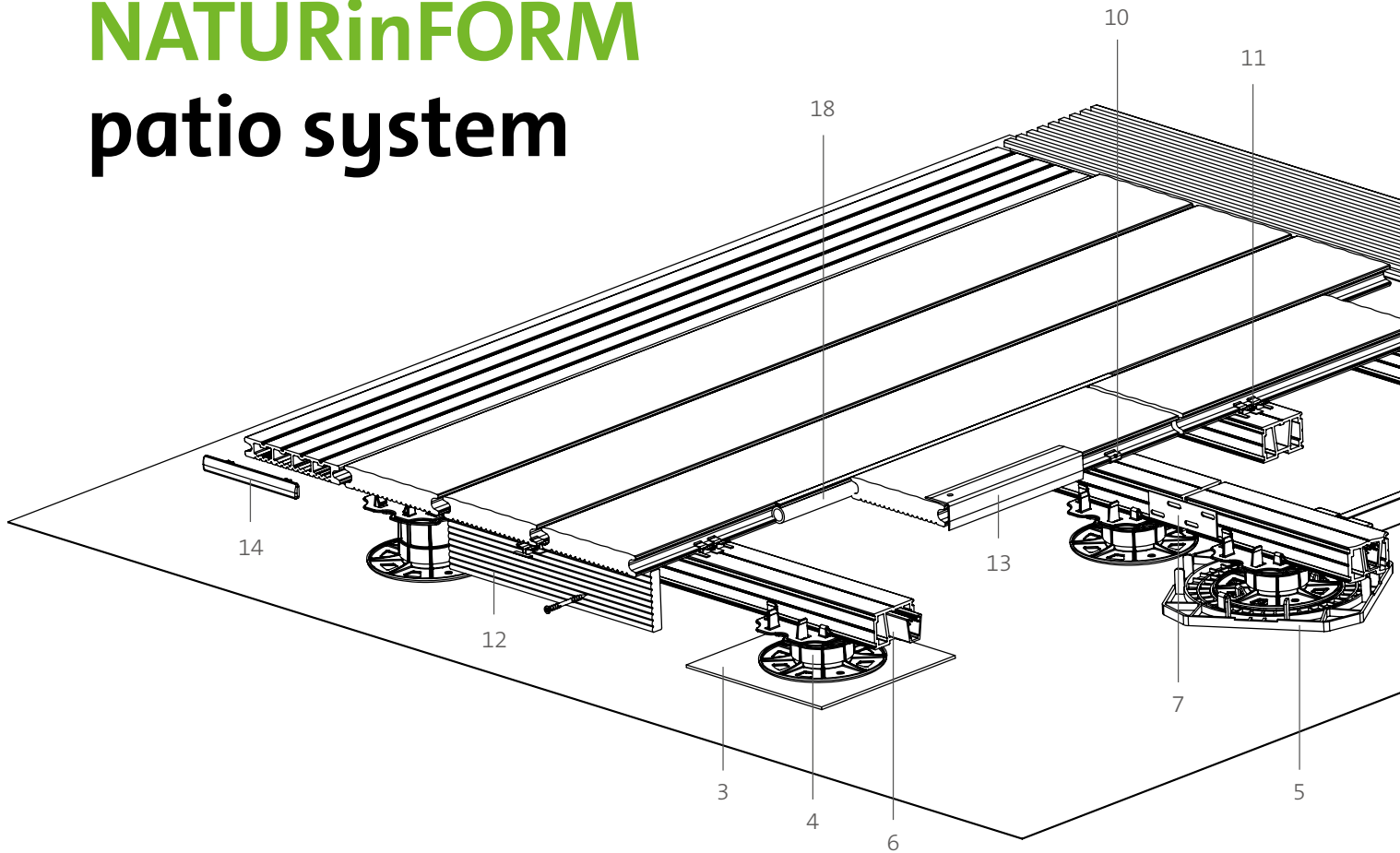
As a planner and installer, NATURinFORM expert Michael Leitsch has over 20 years of experience in installing our products. Here and on YouTube, he shares valuable tips and tricks on the subject of decking.

Follow us on [youtube.com/NATURinFORMgmbh](https://youtube.com/NATURinFORMgmbh)



# NATURinFORM

## patio system



**1 Plant fleece**  
Protects against vegetation under the patio  
[Page 66](#)

**2 Rubber pad**  
Levelling material for solid bases  
min. 6–8 per m<sup>2</sup>  
[Page 63](#)

**Cork pad**  
Levelling material for solid bases  
min. 6–8 per m<sup>2</sup>  
[Page 63](#)

**3 Cork base**  
Layer between load dividers e.g., patio foot and sensitive ground  
[Page 66](#)

**4 Patio feet**  
Sophisticated height adjustment, self-levelling, in four heights  
[Page 64](#)

**5 Load-distribution plate**  
To increase the foot contact area, prevents sinking into the ground  
[Page 67](#)

**6 Base profile WPC incl. profile amplifier**  
For spans of up to max. 100 cm  
[Page 26](#)

**Base profile ALU**  
For spans of up to max. 65 cm, suitable for WPC and wooden patio decks  
[Page 30](#)

**Aluminium system profile**  
For spans of up to max. 110 cm, suitable for patio decks with building inspectorate approval and for WPC and wooden patio decks  
[Page 32](#)

**7 Aluminium profile connector**  
For the continuous installation of WPC base profiles and aluminium system profiles  
[Page 27, 33](#)

**Plastic profile connector**  
For the continuous installation of Base profile ALUs  
[Page 31](#)

**8 Mounting bracket with an oblong hole**  
For sliding fastening of the substructure to the base  
[Page 61](#)

**9 Adapter for transverse bracing**  
For bracing the substructure or fastening of covers  
[Page 49](#)

**10 First-/Last bracket**  
For mounting the first and last patio deck to the substructure  
[Page 35](#)

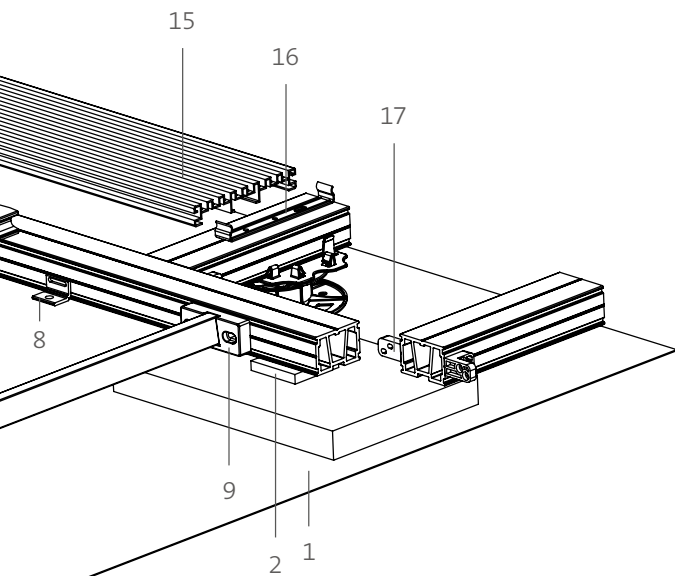
**11 Mounting bracket set**  
For fixing patio decks to the substructure  
[Page 35](#)

**12 Border board**  
Universal WPC board e.g. as a small panel  
[Page 73](#)

**13 Finishing border**  
For covering the longitudinal edges of the patio decks  
[Page 73](#)

**14 Cover cap**  
Colour matching cover for honeycomb profile decking  
[Page 74](#)





**15 Patio ground grid**

For drainage and rear ventilation of the surface

[Page 77](#)

**16 Fixing set**

Concealed fastening of the patio ground grid

[Page 77](#)

**17 Patio construction bracket**

Universal angle bracket for e.g. covers, cross bracing and corner connections

[Page 51](#)

**18 Joint profile tube**

Creates a gap-free, opaque surface and drains water (is not waterproof!)

[Page 79](#)

# Perfect for renovation and new builds

## Patio decks for every application ...

Our WPC products are all-rounders!

They are easy to process with conventional woodworking tools, are easy to combine with other materials, are available in numerous colours and surfaces and meet private and commercial requirements in terms of functionality and planning reliability – whether for renovation or new building projects.

## ... and the matching accessories!

We offer a sophisticated complete laying system consisting of flooring and accessories. Among the advantages are the few but multifunctional components for all situations, rational and simple installation, floating laying and building authority approval for maximum planning security.



**Simple installation**



**Reliable system**

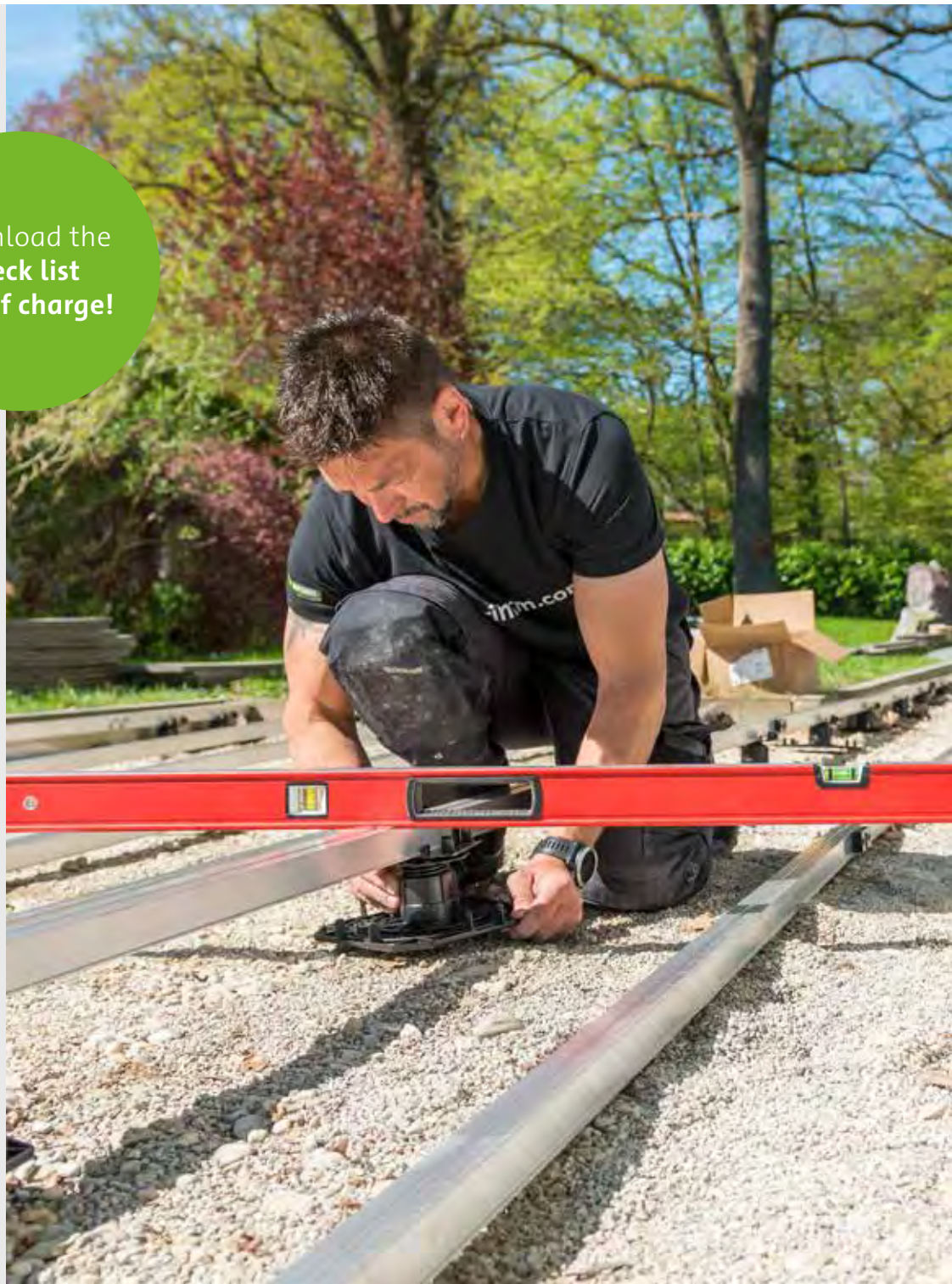


**Multifunctional components**



# Check – patio planning This is how it works!

Download the  
check list  
free of charge!





When planning a patio you must first address a few questions in advance that will influence the choice of patio decks and the substructure. For example, the structure of the base or how much installation height you have available. Please observe the following important points when planning!



## 1. Prepare the base

You must prepare the base before starting. The two most common bases for laying decks are gravel beds or sealed surfaces:

### Compacted gravel bed

To prevent the patio from sinking or being undermined, you need a compacted, load-bearing and frost-proof gravel bed. This structure must be able to absorb water and provide drainage.



**We recommend:**  
Include Plant fleece to prevent unwanted vegetation (p. 66).

### Solid base

If the deck is to be installed on sealed surfaces or old surfaces such as tiles or stone slabs, you must plan very carefully because this base must provide continuous drainage of rainwater and dirt through a sufficient slant!



**We recommend:**  
Use height-adjustable patio feet, they enable a slant compensation of up to 7 % (p. 64).



## 2. Determine the installation height

How much installation height is available?

The installation height is crucial for the durability of a patio. If possible, utilise the full height to guarantee sufficient rear ventilation and allow the decks to dry quickly. Height therefore means durability, i.e. the more air space there is under the decking, the faster the structure can dry and the more durable it is. Note the planned installation height including all adjacent components – e.g. balcony doors, stairs, posts. When determining the height, pay particular attention to the connections at balcony doors or entrances with regard to drainage and protection against rising damp. A floor grate may be required here.

### Installation heights

If there is only little installation height available, our Base profile ALU enables a low laying structure thanks to its low height of only 22.5 mm. The lowest installation height results from min. 10 mm pad + 22.5 mm substructure + patio deck thickness.



**We recommend:**  
Base profile ALU (p. 30).





### 3. Consider the slant direction

Water-bearing surfaces in outdoor areas should always have a slant of 1.5–2 % away from buildings. The rapid drainage of surfaces must be guaranteed at all times. Drains, gutters and emergency drainage openings must always be accessible.



**We recommend:**  
Plan a patio ground grid in front of patio or balcony doors (p. 77).

#### Zero-degree decking

SMART is a special patio deck design. It can be installed horizontally without any slant. This is an advantage, e.g. for large areas, along glass façades, pool enclosures or complicated geometries. The curved surface immediately drains rainwater through the joint into the base, ensuring that the material dries quickly. Important: The base must ensure permanent drainage with this construction method as well!



**We recommend:**  
The particularly easy-care patio deck SMART is available in 9 colours.



### 4. Consider the load on the surface

A structure must be built in such a way that it can absorb the expected load permanently. Our information on profile spacing and support points always refers to a covered area used for private purposes (see calculation on page 22). However, there are also major differences to consider. If, for example, you want to set up a pool or heavy planters, you need to take this into account in advance.



**We recommend:**  
Use the profile amplifier for the Base profile WPC (p. 28) to equalise point loads.

Public areas are usually exposed to heavier loads than private areas. Planners or architects then specify the expected load. By changing the distances between the substructure and support points, the load-bearing capacity can then be precisely adjusted to the respective requirements. We are happy to support you with your individual planning!

Please find an overview of our substructure profiles on pages 24–25.







# Patio decks for every application!

The versatility of WPC is very exciting in terms of laying options. You can use our large selection of colours and lengths to create individual shapes, creative laying patterns or extravagant colour moods.

If there are any leftover pieces after the patio has been laid, these can also be used for small individual projects that perfectly match the already laid surface, such as raised beds or benches (see p. 75).

- + Balconies, patio**
- + Pool enclosures, walkways**
- + Gabions, partition walls**
- + Seats**
- + Play equipment for children**
- + Sandpits and much more**

Please find projects, inspiration and references online at [naturinform.de](https://naturinform.de)





# Convenient planning



For further services,  
please see page 93 onwards

## Gather inspiration

What will the new deck surface look like on your patio? Would a grey or rather a brown tone match your façade? Should the surface be smooth or textured? Discover finished patios and balconies here and gather inspiration for your planning!



### Project references

Discover our references online and gather inspiration from our projects!

## Order free samples

We offer a wide range of colours and products with different surfaces. But even the best possible picture is sometimes not enough to provide a meaningful impression. Use our free sample order and see for yourself!



### Sample order

Order up to 3 samples free of charge and see for yourself!

## Configure your patio

Your new favourite spot is just a few clicks away – plan with our free online tool! Once you have completed your configuration, a list will be automatically generated, which you can use to obtain a quote directly from your local retailer. Try it right now!



### Patio configurator

Discover our patio decks online and use them to plan your project!

## Find a retailer

Are you planning a project and looking for a retailer near you? Use the NATURinFORM retailer search! You can use the retailer search to find classic retailers, specialist dealers with samples on display or our stockholding partners where you can pick up your goods directly on site!



### Retailer search

Enter your postcode and find the right partner in your area!



# Overview of patio decks (1/2)



Patio decks	EXCLUSIVE 245	EXCLUSIVE 200	EXCLUSIVE 162	EXCLUSIVE 140
Version	massive deck	massive deck	massive deck	massive deck
Decking thickness	21 mm	21 mm	21 mm	21 mm
Decking width	245 mm	200 mm	162 mm	140 mm
Joint width	5 mm	5 mm	5 mm	5 mm
Distance substructure–substructure (clear opening)	max. 40 cm	max. 40 cm	max. 40 cm	max. 40 cm
Weight per m <sup>2</sup> (+ approx. 3 kg substructure per m <sup>2</sup> )	24.4 kg	23.5 kg	22.8 kg	22.4 kg
Weight per metre of decking	6.1 kg	4.7 kg	3.9 kg	3.2 kg
Max. load (distance substructure– substructure 40 cm)	600 kg	600 kg	600 kg	600 kg
Substructure profile per m <sup>2</sup>	2.5–3 m	2.5–3 m	2.5–3 m	2.5–3 m
Mounting bracket per m <sup>2</sup>	11	12	14	16
First-/Last bracket per m <sup>2</sup>	as required	as required	as required	as required
Support system bracket per m <sup>2</sup>	11	12	14	16
Cover cap	–	–	–	–
Glue (for 60 Cover caps)	–	–	–	–
Joint profile tube	–	–	–	–
Insertion aid for joint profile tube	–	–	–	–
Gap piece	–	–	–	–
Profile drilling screws 5.5 × 46 mm	–	–	–	–
Specific patio construction drill	–	–	–	–
Decking screw 5.5 × 80 mm	–	–	–	–

All technical dimensions are approximate.



Get an overview of our WPC range here.

From classic massive and honeycomb profile decks to special decks such as the zero-degree decking, bearing deck or the deck with general building inspectorate approval\*.



URBAN	NATURELINE	ROBUST	POPULAR massive *	STRONG	SMART
massive deck	massive deck	massive deck	massive deck	bearing deck	zero-degree deck
21 mm	21 mm	21 mm	26 mm	38 mm	19 mm
162 mm	140 mm	140 mm	139 mm	140 mm	139 mm
5 mm	7.5 mm	7.5 mm	7.5 mm	at least 5 mm	7.5 mm
max. 40 cm	max. 40 cm	max. 40 cm	max. 40 cm	max. 80 cm	max. 40 cm
24.6 kg	23 kg	23 kg	25.9 kg	44.1 kg	19.6 kg
4.1 kg	3.2 kg	3.2 kg	3.7 kg	6.3 kg	2.8 kg
600 kg	600 kg	600 kg	800 kg	700 kg	400 kg
2.5–3 m	2.5–3 m	2.5–3 m	as required	as required	2.5–3 m
14	16	16	16		16
as required	as required	as required	as required		as required
14	16	16	16		16
–	–	–	–	–	–
–	–	–	–	–	–
–	Ø 14 mm	Ø 14 mm	Ø 18.5 mm	–	–
–	1	1	1	–	–
–	–	–	–	as required	–
–	–	–	50	–	–
–	–	–	1	–	–
–	–	–	–	as required	–

\* POPULAR massive deck must be installed in accordance with general building inspectorate approval.



# Overview of patio decks (2/2)



Patio decks	COMPACT	COMPACT	COMPACT plus	RESISTANT pro
Version	massive deck	honeycomb profile	honeycomb profile	co-extruded
Decking thickness	21 mm	21 mm	21 mm	23 mm
Decking width	139 mm	139 mm	140 mm	138 mm
Joint width	7.5 mm	7.5 mm	7.5 mm	5 mm
Distance substructure–substructure (clear opening)	max. 40 cm	max. 40 cm	max. 40 cm	max. 40 cm
Weight per m <sup>2</sup> (+ approx. 3 kg substructure per m <sup>2</sup> )	21.7 kg	14 kg	15.4 kg	25.9 kg
Weight per metre of decking	3.1 kg	2 kg	2.2 kg	3.7 kg
Max. load (distance substructure–substructure 40 cm)	600 kg	400 kg	400 kg	600 kg
Substructure profile per m <sup>2</sup>	2.5–3 m	2.5–3 m	2.5–3 m	2.5–3 m
Mounting bracket per m <sup>2</sup>	16	16	16	16
First-/Last bracket per m <sup>2</sup>	as required	as required	as required	as required
Support system bracket per m <sup>2</sup>	16	16	16	16
Cover cap	–	as required	as required	–
Glue (for 60 Cover caps)	–	as required	as required	–
Joint profile tube	Ø 14 mm	Ø 14 mm	Ø 14 mm	–
Insertion aid for joint profile tube	1	1	1	–
Gap piece	–	–	–	–
Profile drilling screws 5.5 × 46 mm	–	–	–	–
Specific patio construction drill	–	–	–	–
Decking screw 5.5 × 80 mm	–	–	–	–

All technical dimensions are approximate.





# All-inclusive package



## Everything from a single source

Your specialist retail partner will provide you with the complete NATURinFORM patio system. From the substructure to accessories for special solutions through to patio decks. Hear their advice! Additionally, you will always find useful tips online at [www.naturinform.de](http://www.naturinform.de)



## Guaranteed quality

In addition to innovative product development and high-quality design, continuous internal quality controls and external product testing have ensured our success for over 20 years. From production to processing, we pay close attention to an ecologically sustainable product life cycle.



## Competent service

You have the questions, we have the answers. The better informed you are, the easier it will be for you to find the right product from our extensive range of WPC products. Find the right contact online!









# Patio substructure

## SYSTEMS

P. 20 **Useful information**

P. 24 **Overview of profiles**

## SPANS OF UP TO 110 CM

P. 26 **Base profile WPC 2.0**

P. 30 **Base profile ALU**

P. 32 **System profile ALU**

P. 34 **Concealed patio deck installation**

## SPANS OF UP TO 300 CM

P. 36 **Support profile ALU**

P. 38 **Concealed patio deck installation**

## FUNCTIONAL ACCESSORIES

P. 40 **Overview of screws**

P. 42 **Visible patio deck installation**

P. 48 **Transverse bracing**

P. 50 **Universal angle bracket**

S. 52 **Wind uplift protection**



# That's what matters!

## The right material

Due to its (weather) exposed position and “load-bearing function”, the substructure must first and foremost meet the criteria of long-term stability and durability. With our profiles, whether made of WPC or aluminium or a combination of both, we offer you a secure basis.

Our material has none of the disadvantages typical of wood, such as swelling and shrinkage, cracking, warping and ultimately rotting. You also should not forget the durability of the material. It lasts for several generations. However, if the material has to be disposed of at some point, it can be 100 % recycled. For this purpose, we offer our own free return system via the specialised trade! (see page 95)

## The right tools


Conventional woodworking tools are perfectly adequate for processing our WPC products. These include a chop saw, jigsaw, circular saw and possibly a router. Saw blades with a flat trapezoid tooth shape are particularly suitable for cutting WPC, as they have the best service life!

A string, spirit level, levelling rule and metre rule are sufficient for aligning and measuring – of course, an additional levelling device speeds up installation. A cordless screwdriver is sufficient for fastening the patio decks.

WPC patio decks can be cut to size quickly and easily. However, it is important that shapes such as curves or slants at the end of the patio decks are only planned with massive patio decks.





A man with short dark hair and a beard, wearing a black t-shirt, is using a yellow circular saw to cut a piece of wood on a workbench. The background is a blurred outdoor setting with greenery and a blue fence.

# Select a system

**1**

## Determining the installation height

The installation height is decisive for the durability of a patio. If possible, utilise the full height to guarantee sufficient rear ventilation and allow the patio to dry quickly. If there is only little installation height available, our Base profile ALU enables a low installation height with a high load-bearing capacity thanks to its low height of just 22.5 mm.

**2**

## Planning the load

A structure must be built in such a way that it can absorb the expected load permanently. If, for example, you want to set up a pool or heavy planters, you need to take this into account in advance.

**3**

## Professional assurance

Do you have more questions? As a leading system provider for WPC patio decks, both specialised companies and our private customers receive a well-rounded complete package for the safe and hassle-free implementation of their construction project.



# Safe load planning!

The material and dimensions of the substructure together with the patio decks determine the load-bearing capacity of the patio. It is therefore important to check and ensure the expected load. Consider whether you are planning to set up parasols, heavy plant boxes or a pool..

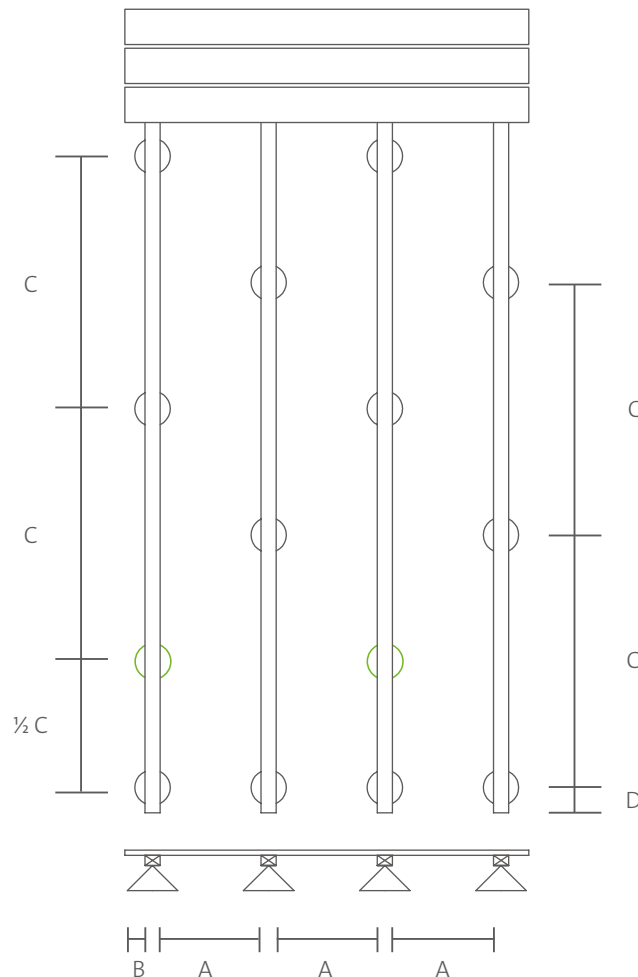
## Example calculation

### Private patio with a load of 2 kN/m<sup>2</sup>

Please refer to the accompanying tables for the distance required between the substructure profiles and **1** support points **2** when building a private patio.

Depending on the local conditions, the distances between the profiles and support points can be reduced, but not increased.

The load tables for the substructure profiles can be found on the respective data sheet. Simply scan the QR code on the product page in the catalogue.

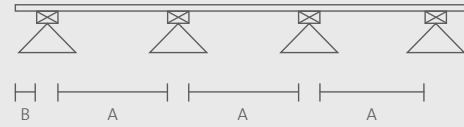


For a less vibrating, more rigid substructure, add a patio foot in every second row. It also makes sense to plan more feet in areas that are subject to higher loads, such as corner areas that are frequently walked on or areas with heavy planters.



1

**Max. spacing of the profiles  
when using different patio decks**

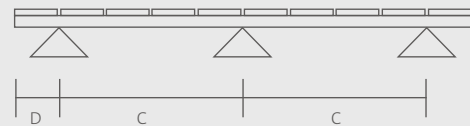


A	Massive patio deck	40 cm
	Honeycomb profile deck	40 cm
	STRONG	80 cm
B	Massive patio deck	8 cm
	Honeycomb profile deck	8 cm
	STRONG	20 cm

(A) Spacing of the profiles (B) Overhang

2

**Max. spacing of the support points  
when using different substructure profiles**



C	Base profile WPC (40 × 60 mm)	60 cm
	Base profile WPC + amplifier	100 cm
	Base profile ALU (22.5 × 40 mm)	65 cm
	System profile ALU (39 × 39 mm)	110 cm
	Aluminium support profile (100 × 60 mm)	300 cm
D	Base profile WPC (40 × 60 mm)	10 cm
	Base profile WPC + amplifier	10 cm
	Base profile ALU (22.5 × 40 mm)	10 cm
	System profile ALU (39 × 39 mm)	20 cm
	Aluminium support profile (100 × 60 mm)	100 cm

(C) Spacing of the supports (D) Overhang



# Overview of profiles



Substructure	<b>WPC 2.0 BASE PROFILE</b> 40 × 60 mm <ul style="list-style-type: none"> <li>• Ideal for private decks</li> </ul>	<b>WPC 2.0 BASE PROFILE + ALUMINIUM PROFILE AMPLIFIER</b> <ul style="list-style-type: none"> <li>• Balance point loads</li> <li>• Screw connection of WPC and wood</li> </ul>
Max. distance between support points	60 cm	100 cm
Dimensions	40 × 60 mm, 4 m long	40 × 60 mm, 4 m long
Weight	1.2 kg / m	1.65 kg / m
Fastening system	Mounting bracket	Mounting bracket and screws
Screw line	available	available
Deck feet	with click function	with click function
Profile connector	made of aluminium	made of aluminium
Building inspectorate approval	—	—
Mounting of wooden patio decks	—	possible
Visible screw connection	—	possible
Can be recycled	100 %	100 %
Article	541-P-U-90-0400-3127	541-P-U-90-0400-3127 / 9010123-COM
PU	1 pc.	1 pc. each
PU in hub	128 pcs.	128 pcs.
System in the catalogue	see p. 26–27	see p. 28–29

All technical dimensions are approximate.




**ALUMINIUM  
BASE PROFILE**

22.5 × 40 mm

- For low installation heights

**ALUMINIUM  
SYSTEM PROFILE**

39 × 39 mm

- In the right combination with building inspectorate approval
- For visible screw connection and concealed fastening

**ALUMINIUM  
SUPPORT PROFILE**

100 × 60 mm

- Spans of up to 3 m
- Low dead weight
- Few support points required

65 cm

22.5 × 40 mm, 4 m long

0.75 kg / m

110 cm

39 × 39 mm, 4 m long

1 kg / m

300 cm

100 × 60 mm, 4 m long

3.2 kg / m

Mounting bracket

available

with click function

made of plastic

–

–

–

100 %

Mounting bracket and screws

available

with click function

made of aluminium

Z-10.9-484

possible

possible

100 %

Mounting bracket and screws

available

–

made of aluminium

–

–

possible

100 %

9010113-COM

1 pc.

100 pcs.

[see p. 30–31](#)

9010101-COM

1 pc.

100 pcs.

[see p. 32–33](#)

9010018-COM

1 pc.

–

[see p. 36–39](#)



# Modular all-rounder

The special feature of the Base profile WPC is its innovative geometry. This allows efficient and multifunctional applications. For example, the aluminium profile amplifier can be inserted by hand to compensate for point loads on the surface. The visible screw connection of patio decks or the attachment of covers is also possible in combination.

- Supports spans of 60–100 cm
- For concealed and visible installation
- Allows the installation of WPC and wood
- No peeks from below thanks to dark profiles







Ideal for  
traditional  
**private patios!**



### Base profile WPC 2.0

The Base profile WPC, grooved with click function in anthracite, enables concealed fastening using brackets. In combination with the profile amplifier, patio decks can also be screwed down. The black look also prevents peeks through the joint – for a uniform surface appearance.

Article **541-P-U-90-0400-3127**  
Specifications **40 × 60 mm, 4 m long, WPC**  
PU **1 piece or 128 pieces in the hub**



### Profile connector

The aluminium profile connector with oblong holes is used for the continuous installation of the Base profile WPC 2.0. The oblong holes ensure an optimum and safe linear expansion of the profile material.

Article **9010120-COM**  
Specifications **1.5 × 30 × 100 mm, aluminium**  
PU **2 pieces incl. 16 screws**



**1+1=4**

# Perfect duo!

**1**

## Increased load capacity

The 60 cm span is increased to 100 cm by inserting the profile amplifier – this saves support points.

**2**

## Added applications

Turned with profile amplifier, patio decks can be visibly screwed (WPC and wood) – including structural wood protection.

**3**

## Spot amplifier

The profile amplifier can also be used in specific spots. This allows the fitter to react to any load situation directly on site.

**4**

## Panel fastening

The screw channel of the amplifier allows panels to be screwed into the substructure easily visible from the outside.

### Concealed patio deck installation using brackets

Side with central screw line and reinforced wall for concealed patio deck installation

### Head-side screw channels

for the correct head-side fastening of panels or end profiles

4 in 1  
Profile amplifier  
Length connector  
Transverse bracing  
Fastening



## Profile amplifier

Aluminium profile incl. screw channel. It is used in combination with the Base profile WPC 2.0 as a profile amplifier, length connector and, thanks to the screw channel, for fastening the cover. Transverse bracings can also be realised using a special adapter.

Article **9010123-COM**

Specifications **22 × 27 mm, 4 m long, aluminium**  
PU **1 piece or 128 pieces in the hub**





**Visible patio deck installation using screws**

Side with small support points for the perfect structural protection against waterlogging, reinforced wall of the aluminium profile provides a secure, continuous screw connection

**Click connection**

Lateral grooves for quick clicking onto patio feet

**Transverse bracing**

[More information on p. 48](#)



**Profile amplifier**



**Head-side fastening**

[More on panels and edges from p. 72](#)



**Length connector**





## Space-saving base profile

The Base profile ALU is ideal for low installation heights. With a height of only 22.5 mm, the profile supports spans of up to 65 cm. The handy click function on the infinitely adjustable patio feet enables quick and easy installation including slant levelling.

- Perfect for low installation heights
- Supports spans of up to max. 65 cm
- For concealed fastening of WPC patio decks
- Handy screw channel for efficient installation







### Base profile ALU

The Base profile ALU, grooved with click function, allows concealed fastening of patio decks using brackets (see p. 34–35). The height of just 22.5 mm and the high load-bearing capacity make it the perfect solution for low installation heights, while the integrated screw channel makes installation quick and easy!

Article **9010113-COM**

Specifications **22.5 × 40 mm, 4 m long, aluminium**

PU **1 piece or 100 pieces in the hub**



### Profile connector

Using the plastic profile connector, the Base profile ALUs can be easily connected to each other without any screws. The connector makes it much easier to align the substructure on site.

Article **9010114-COM**

Specifications **22.5 × 40 × 120 mm, plastic**

PU **10 pieces**



# Efficient base profile

The system profile ALU is a true all-rounder. Thanks to its special geometry and the screw channel, it can be used on both sides and allows both visible and concealed installations of WPC and wood patio decks with a load-bearing capacity of over one metre. In combination with the “POPULAR massive” patio deck, the profile also features building inspectorate approval.

- For concealed and visible installation
- In the right combination with building inspectorate approval
- Supports spans of up to max. 110 cm
- Allows the installation of WPC and wood



## Features building inspectorate approval

In combination with the right screw (see p. 40–41) and the “POPULAR massive” WPC patio deck, the System profile ALU is approved by the German Institute for Building Technology (DIBt) and is regarded a safe, regulated construction product.



## Saves time and money

Save time and effort – and thus costs, as individual approvals are no longer necessary in the private and commercial sectors with this combined system. Save material – and thus costs, because the system profile allows you to extend the distance between the steel beams to 80 cm.





**In the right  
combination  
with building  
inspectorate  
approval**



## System profile ALU

The system profile made of aluminium, grooved with click function for patio feet and practical screw channel can be used on both sides. It allows concealed fastening using brackets or rotated the fixed screw connection of WPC and wooden patio decks.

Article **9010101-COM**

Specifications **39 × 39 mm, 4 m long, ALU**

PU **1 piece or 100 pieces in the hub**



## Profile connector

The aluminium profile connector with oblong holes is used for the continuous installation of the System profile ALU. The oblong holes ensure an optimum and safe linear expansion of the profile material.

Article **9010120-COM**

Specifications **1.5 × 30 × 100 mm, aluminium**

PU **2 pieces incl. 16 screws**



# Concealed bracket system

As quick as a click system, but securely screwed together: The tried-and-tested NATURinFORM bracket system is favoured by professionals – it makes fastening the patio decks a breeze and ensures an even installation pattern without annoying screw heads. Depending on the board cross-section, installation aids are available for sizes 5 mm (black) and 7.5 mm (green), which ensure optimum spacing between the patio decks.

- One bracket for all patio decks
- Efficient and safe installation
- No visible screws in the installation pattern
- Subsequent exchange of patio decks possible without any problems



1. Mount the first and last bracket



2. Insert the first patio deck



3. Mount the mounting bracket



4. Use the correct installation aid



5. Mount further brackets



6. Repeat steps 4 and 5





**The original**  
Super quickly  
and securely  
screwed together!



### Mounting bracket set

The Mounting brackets are available in stainless steel or V4A. The set includes screws, a long bit for easier installation and installation aids for all patio decks. The brackets are used to fasten the patio decks to the substructure.

Article **4010044-COM**

Specifications **24.5 × 38 mm, stainless steel**

PU **100 pieces incl. screws, bit, installation aid**

Article **4010045-COM**

Specifications **24.5 × 38 mm, V4A stainless steel**

PU **100 pieces incl. screws, bit, installation aid**



### First-/Last bracket

The black stainless steel first and last bracket are supplied with screws. They are used to attach the first and last patio decks to the substructure.

Article **4010043-COM**

Specifications **16 × 38 mm, stainless steel**

PU **10 pieces incl. screws**



# High load-bearing system

The support system ALU impresses with its low dead weight and high load-bearing capacity. The system can bridge spans of up to 3 metres. The load-bearing capacity of the profile beyond the support point is even more than one metre. This means that only a few support points are required when using the system.

- For concealed and visible installation
- For spans up to max. 300 cm
- Ideal for self-supporting constructions such as balconies



## Support profile ALU

The Support profile ALU can be used on one side. It allows concealed fastening of WPC patio decks using a bracket system (see page 38) or visible screw fastening – structural board protection included.

Article **9010018-COM**

Specifications **100 × 60 mm, 4 m long, ALU**

PU **1 piece**





Bridges spans of  
up to 3 metres



### Support profile connector

The profile connector made of aluminium is used for the continuous installation of the support profile. The connection is fixed using the Bighty screws.

Article **9010106-COM**

Specifications **74 × 50 × 25 mm, aluminium**

PU **1 piece**



### Bighty screw

The Bighty screw made of stainless steel with a hexagonal head is used for the positive connection between the edge and support profile and for fastening the support profile connectors.

Article **9010029-COM**

Specifications **5.5 × 25 mm, Inox stainless steel**

PU **50 pieces**





## Patio deck installation

The aluminium support system allows the visible and concealed installation of WPC patio decks.

### Visible patio deck installation

The patio decks can be screwed onto the support system. The Profile drilling screws on pages 44–45 are available for this purpose.

### Concealed patio deck installation

The Mounting bracket set specially matched to the Support system ALU enables efficient installation.

### Visible patio deck installation

Screws and decking drills for installation from p. 44



### Concealed patio deck installation

First patio deck fixed concealed with decking angle bracket see p. 50



## Support system bracket set

Article **9010071-COM**

Specifications **Plastic and stainless steel plate (20.5 × 2 × 30 mm)**

PU **100 pcs. incl. screws, bit, installation aid**





**Border profile**  
The solution  
for frames  
and corners

## Border profile

The edge profile is a cover profile and is mounted as a connecting element at the head end of the support profiles. This allows for clean, load-bearing frames or corners with simultaneous transverse bracing to be created.

Frames or corners are created using a cutting plan and an angle grinder, for example. Simply cut the profiles to the required length, cut along the visible grooves according to the cutting plan and fix in place using two Bighty screws.



Download cutting plan  
90 degree connections

Transverse bracing or cover mounting



Frame



## Border profile

Article **9010019-COM**

Specifications **104 × 50 mm, 4 m long, aluminium**  
PU **1 piece**



# Overview of screws



Screws	<b>PROFILE DRILLING SCREWS FOR FIXING TO ALUMINIUM SUBSTRUCTURE</b> 5.5 × 46 mm <ul style="list-style-type: none"> <li>• Especially for “POPULAR massive” for building inspectorate approval</li> <li>• For massive decks</li> </ul>
Dimensions	5.5 × 46 mm
Screw head	Cylinder head
Drive	TX 25
Material	hardened stainless steel / Inox stainless steel V4A
Drill	blue
<b>MOUNTING TO ALUMINIUM</b>	
Base profile WPC 2.0 + profile amplifier	yes
Base profile ALU	–
System profile ALU	yes
Support profile ALU	yes
<b>MOUNTING TO WOOD</b>	
Wood substructure	–
Article	4010105-COM / 4010109-COM
PU	200 pcs.





**PROFILE DRILLING SCREWS  
FOR FIXING TO ALUMINIUM  
SUBSTRUCTURE**

5.5 × 61 mm

- Especially for “STRONG”

**SPECIAL SCREW  
FOR FIXING TO WOOD  
SUBSTRUCTURE**

5 × 60 mm

- Especially for “POPULAR massive”  
for building inspectorate approval
- For massive decks

**SPECIAL SCREW  
FOR FIXING TO WOOD  
SUBSTRUCTURE**

5.5 × 80 mm

- Especially for “STRONG”

5.5 × 61 mm	5 × 60 mm	5.5 × 80 mm
Cylinder head	Flat head	Cylinder head
TX 25	TX 25	TX 25
hardened stainless steel	hardened stainless steel / Inox stainless steel V4A	hardened stainless steel
blue	orange	blue
yes	–	–
–	–	–
yes	–	–
yes	–	–
–	yes	yes
4010108-COM	4010032-COM / 4010033-COM	4010039-COM
200 pcs.	200 pcs.	200 pcs.



# Visible screw connection

For our “STRONG” bearing decks or to obtain building inspectorate approval for the “POPULAR massive” patio deck, we offer special stainless steel screws for screwing to WPC and wood or to aluminium.

- Special screws for aluminium and WPC/wood
- Suitable drills for various screws
- Screws with drill point for aluminium



1. Apply drilling template



2. Mark the drill holes with a drill



3. Drill and countersink



4. Screw the patio deck in place

**Important:** In principle, all WPC massive patio decks can also be fastened from above, depending on the local conditions. However, it is essential to make sure that the substructure is laid floating. This means that it is not firmly attached to the base!





The right screw  
for every  
installation  
situation!

## Screwing massive patio decks

### This is how it is done!

Position the drilling template in the centre of the substructure on the patio deck. Mark both holes using the drilling template and pre-drill using the appropriate drill, which countersinks and has a practical depth stop. Now fasten the patio deck to the substructure using the correct screw (see following pages).

The two tools, drilling template and drill, enable efficient, tidy and quick installation.



### Drilling template

The convenient drilling template is used to mark the drill hole spacing quickly and easily on all patio decks with a profile width of 138, 139 or 140 cm.

Article **9010024-COM**  
Specifications **6 × 50 × 180 mm, wood**  
PU **1 piece**



**Clean screw line**



**Even spacing**



# Screw connection to ALU- substructure

The visible screw connection of massive patio decks with the profile drilling screws can be carried out on the Base profile WPC 2.0 with inserted aluminium profile amplifier, the system profile ALU and the aluminium support system.

**\* Important** The “POPULAR massive” massive patio deck only features building inspectorate approval if it is installed in combination with the 5.5 × 46 mm Profile drilling screws on the System profile ALU.

- Suitable for Base profile WPC 2.0 incl. profile amplifier
- Suitable for System profile ALU
- Suitable for aluminium support system



## Decking drill for Profile drilling screws

The decking drill is used for pre-drilling and countersinking the boards at the same time. Suitable for Profile drilling screws with  $\varnothing$  5.5 mm.

Article **4010106-COM**  
Specifications  **$\varnothing$  5.5 mm**  
PU **1 piece**





**Profile drilling screws  
for “POPULAR massive”  
and massive decks**

Article **4010105-COM**

Specifications **5.5 × 46 mm, hardened stainless steel**

PU **200 pieces**

Article **4010109-COM**

Specifications **5.5 × 46 mm, Inox stainless steel V4A**

PU **200 pieces**



**Profile drilling screw  
for “STRONG”**

Article **4010108-COM**

Specifications **5.5 × 61 mm, hardened stainless steel**

PU **200 pieces**



# Screw connection to wooden substructure

The visible screw connection of massive patio decks with the special screws is carried out on beam structures and commercially available wood substructures.

**\* Important** The “POPULAR massive” massive patio deck only features building inspectorate approval if it is installed in combination with the 5 × 60 mm special screw on a wooden substructure.



## Decking drill for special screw

The decking drill is used for pre-drilling and countersinking the boards at the same time. Suitable for countersunk screws  $\varnothing$  5 mm.

Article **9010034-COM**  
Specifications  **$\varnothing$  5 mm**  
PU **1 piece**



## Special screw for “POPULAR massive” and massive patio decks

Article **4010032-COM**  
Specifications **5 × 60 mm, hardened stainless steel**  
PU **200 pieces**

Article **4010033-COM**  
Specifications **5 × 60 mm, Inox stainless steel V4A**  
PU **200 pieces**





### Decking drill for special screw

The decking drill is used for pre-drilling and counter-sinking the boards at the same time. Suitable for Profile drilling screws with  $\varnothing$  5.5 mm.

Article **4010106-COM**  
Specifications  **$\varnothing$  5.5 mm**  
PU **1 piece**



### Special screw for “STRONG”

Article **4010039-COM**  
Specifications **5.5 × 80 mm, hardened stainless steel**  
PU **200 pieces**

Structural  
wood protection  
for durable  
patios



### Structural wood protection

Our WPC and aluminium substructure profiles feature integrated structural wood protection.

However, if WPC patio decks are mounted directly to a wooden substructure, the Gap piece must be used between the substructure and the patio deck. It ensures the expansion of the patio decks without stressing the screw connection and ensures maximum ventilation.



### Gap piece for “STRONG”

Article **1910012-COM**  
Specifications **16 × 13 × 730 mm, PP**  
PU **50 pieces**



# Efficient transverse bracing

The new profile amplifier not only opens up new possibilities in combination with the Base profile WPC 2.0 (p. 28), but this all-rounder also creates new applications in combination with the adapter for transverse bracing. For instance, you can create braced substructures for roof terraces in no time at all. The adapter can also be used at the start and end of the substructure to attach panels.

- For clean and efficient transverse bracing
- For head-side fastening of panels

Transverse bracing



Panel fastening

[More on panels and edges from p. 72](#)







**Facilitates and speeds up the completion of the patio!**

### This is how it is done!

Determine the centre distance of the substructure and cut the 4-m-long profile amplifier to the desired length. Now connect the profile amplifiers at both ends using an adapter and screw them together.

Place the profile amplifier and adapter on the substructure profile and fix them in place using the enclosed screws. This ensures even spacing and quick, easy installation of the substructure. At the end of the substructure, the adapter can also be used to attach the cover.



**Saves time and money**



### Adapter for transverse bracing

Article **9010126-COM**

Specifications **33.5 × 80 × 15 mm, polypropylene**

PU **20 pieces incl. 80 screws**



### Profile amplifier

Article **9010123-COM**

Specifications **22 × 27 mm, 4 m long, aluminium**

PU **1 piece or 128 pieces in the hub**



# Universal angle bracket

The universal decking angle bracket – a true hero:

It can be used to easily create 90-degree connections such as transverse bracing or struts for roof terraces or steps, for example. It also allows the concealed fastening of panels and the first and last row of patio decks in the decking area if, for example, due to the width adjustment there is no longer a lateral groove.

- For fastening covers
- For the concealed installation of patio decks
- For corner joints and transverse bracing

Patio construction bracket, transverse bracing



Panel fastening  
or concealed installation of first and last patio deck

[More on panels and edges from p. 70](#)





3 in 1  
Construction  
bracket  
Transverse bracing  
Cover

## 90-degree connections

Regardless of whether you want to fasten panels, connect corners or create transverse bracing, the decking angle bracket can be easily screwed into wood, WPC and aluminium. 40 screws each for wood and WPC and 40 screws for aluminium are included in the set.

The oblong holes on one side of the angle bracket allow the position to be corrected after screwing and ensure that the material can expand and shrink.



**For WPC, wood and aluminium**



## Patio construction bracket

The glass fibre reinforced plastic angle bracket made of polypropylene incl. drill screws for WPC, wood and aluminium can be used universally.

Article **9010023-COM**

Specifications **19 × 30 × 35 mm, plastic**

PU **10 pieces incl. 40 screws**



# Wind uplift protection and weight loading

In strong winds or storms, roof terraces, in particular, are exposed to strong forces. We have developed a flexible solution for this purpose that allows the surface weight to be increased quickly and easily, thus making mechanical fastening a thing of the past.



## Prerequisite for weight loading

The base must be designed for the permanent load of an increased weight, and the weight loading must not interfere with drainage and ventilation. The substructure is installed with cross bracing.



## Consideration of wind load zones

To protect a roof terrace from wind uplift, the surface must have a minimum weight. This weight depends, for instance, on the building height, direction and building type. The country-specific regulations must be observed.





## Wind uplift plan

Project planning must include a wind uplift plan, which needs to be handed over to the processor. This plan marks the points where loading is particularly important. Slabs for weight loading are, therefore, not necessarily laid over the entire terrace surface, but only in some places.

### Example calculation (see plan on the right)

Decking board ROBUST 140 × 21 mm: 22.4 kg

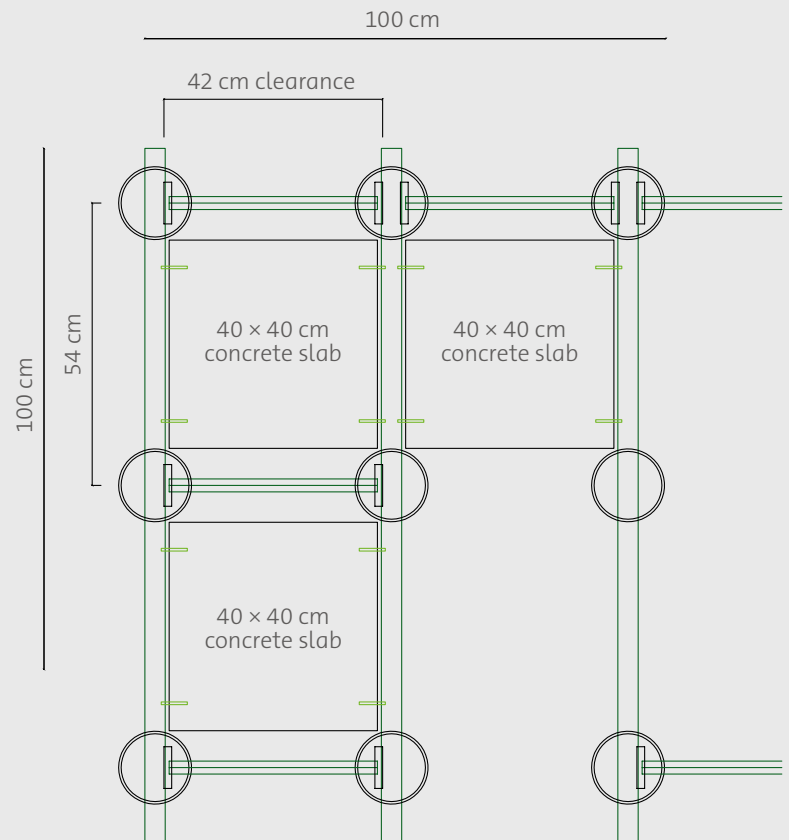
Substructure: approx. 1.1 kg

Deck feet: approx. 1.8 kg

Cross bracing: approx. 1 kg

Concrete slabs 40 × 40 × 5 cm: 18.4 kg each

Wind uplift load: 81.5 kg /sqm



## Efficient wind uplift hook

The innovation on the market!

**Innovative solution:**  
NATURinFORM's wind uplift protection is the only product on the market to date that provides weight loading while allowing water to drain away safely.

## The problem with space

### 1. Insufficient installation height

The required height is often insufficient to place concrete slabs under the substructure. Placing the slabs would severely impair water drainage and cross ventilation.

### 2. Little space under the decking board

If there is too little space between the bottom side of the decking boards and the stone slab, stagnant moisture and moss formation are inevitable.

You can solve this problem with NATURinFORM's wind uplift hook. [Find out more on the following pages!](#)



# Innovative wind uplift protection

NATURinFORM's wind uplift protection offers effortless and quick weight loading of the decking surface. It is used both to secure the position of small surfaces and to secure roof terraces against wind uplift. The substructure is weighted down with  $40 \times 40$  cm slabs using just four hooks – without any screws! For example, commercially available concrete slabs up to 5 cm thick can be used for this purpose.

- For the ALU 39 x 39 mm system profile
- No screwing – just attach the hooks!
- A slope of 3.5 % can be integrated on the slabs



1. Create cross bracing



2. Drill holes (6 mm) in the centre of the substructure



3. Attach wind hooks



4. Insert the slabs

Short videos on wind uplift protection  
for attaching the hook



## Create a slope on the slabs:

Depending on their positioning, the holes for attaching the hooks can create a 3.5 % slope – this prevents dammed-up water and moss formation under the decking board! [More information on p. 56–57](#)





**No screw connection required:**  
just attach the hooks!

### No problem with low installation heights

Depending on the position of the drill holes, the wind uplift hooks can be attached individually. Depending on the installation situation, our ALU 39 x 39 mm system profile makes it possible to create sufficient clearance under the decking boards.

#### Pro tip:

For low installation heights, the holes can also be drilled 10 mm above the centre. Important: At least 1 cm clearance between the plank and the concrete slab.



### Wind uplift protection

Stainless steel hook to secure the position of small areas or to add weight for e.g. roof terraces. Suitable for the ALU 39 x 39 mm system profile. Important: When using the hooks, the substructure must be cross-braced.

Article **4010116-COM**

Specifications **45 x 55 x 5 mm, stainless steel**

PU **20 pieces**





# Simple + effective!



## Quick assembly

No screws required! Mark the drill holes, drill the holes and attach the wind uplift hooks in the desired position.



## Flexible weight loading

Regardless of whether you opt for standard concrete slabs or thin metal panels, please select your material in the format 40 x 40 cm (max. 5 cm thick!).



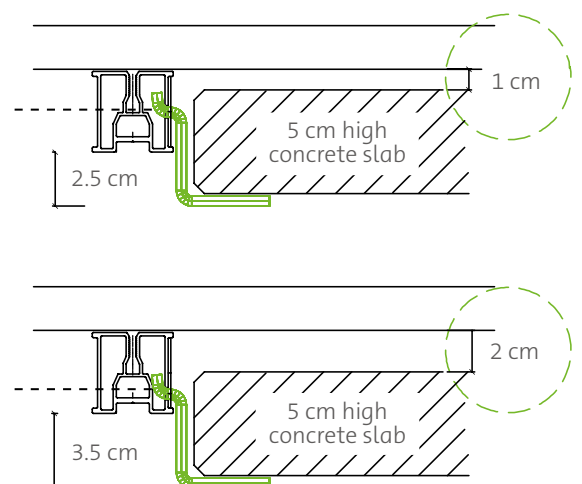
## Protection against dammed-up water

Integrate a slope to easily prevent dammed-up water and moss formation under the terrace (see on the right).



## Integrating a slope – this is how it works!

The opposing drill holes on the substructure profiles are drilled once in the centre and once 1 cm below the centre. This creates a slope of 3.5 %.



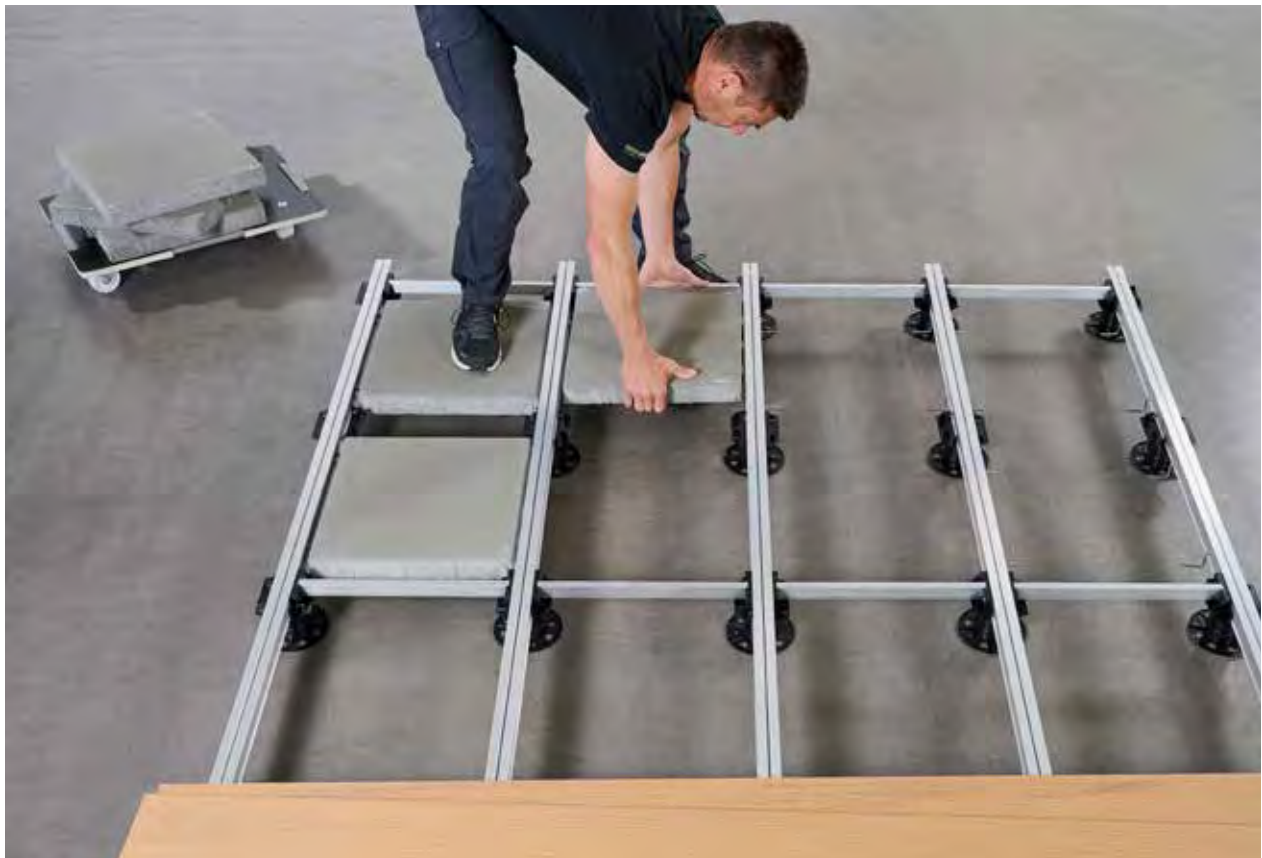




**3.5 % slope**

Drill hole on the left: centre

Drill hole on the right: 1 cm below the centre









# Bases, height adjustment

## PADS

P. 63 **Rubber pad**

P. 63 **Cork pad**

## HEIGHT ADJUSTMENT

P. 64 **Patio feet**

P. 66 **Plant fleece**

P. 66 **Cork base**

P. 67 **Load-distribution plate**





# Underestimated components!

Patio feet and pads form the interface between the base and decking structure and are therefore essential components in deck construction. When planning and purchasing, it is therefore important to pay close attention.



## Stability

The levelling material must reliably absorb the weight of the decks and its load and transfer it to the various bases in the long term. Therefore, do not skimp on base materials, but make sure that it is professionally and safely installed.



## Durability

Due to its application site, the levelling material is exposed to much higher loads than the decks themselves and must therefore be made of the best materials. It is important that the bases are UV-stable and waterproof, for example, and contain few plasticisers.



## Speed

Quick adjustability and tool-free fastening to the respective substructure are crucial for an efficient installation process. With variable height-adjustable patio feet and stackable pads, you can react quickly on site to any structural situation.

Up to 20 %  
time saved when  
building a patio!





## When are substructures fastened to the base?

Depending on the situation, some structures need to be fixed to the base. For example, as a protective measure against wind suction or to secure the position.

This is where our fixing bracket comes into its own. It allows the material of the substructure to expand thanks to the oblong hole and can be fixed to the substructure using the enclosed screws.



## Mounting bracket with an oblong hole

Aluminium Mounting bracket, incl. screws. Suitable for all substructures. The oblong hole allows the materials to expand.

Article **9010122-COM**  
Specifications **20 × 23 × 30 mm, aluminium**  
PU **4 pieces incl. screws**



# Selective bases

The substructure must never rest directly on the floor – it must always be decoupled from the base. The special levelling material made of rubber and cork is perfect for solid substrates such as tiles, sheet metal or paving. Our rubber does not become saturated, like granulate slabs, for example, and therefore remains pressure resistant. The natural material cork is sustainable.

- Levelling out unevenness
- Better cross ventilation and drainage
- Reliable and durable load distribution
- Protects the substrate from damage caused by friction
- Has a sound-absorbing effect







**Sustainable  
and durable  
materials  
in action**



## Rubber pads

The high-quality pads made of black EPDM are available in heights of 3, 6 and 10 mm.

Article **1910011-COM**

Specifications **60 × 60 × 3 mm, EPDM**

PU **25 pieces**

Article **1910010-COM**

Specifications **60 × 60 × 10 mm, EPDM**

PU **25 pieces**

Article **1910014-COM**

Specifications **60 × 60 × 3 / 6 / 10 mm, EPDM**

PU **Mix Box 30 pieces**



## Cork pads

The self-adhesive pads are made from unplasticized cork and are suitable for all bases. Also for sensitive materials such as foil seals.

Article **9010041-COM**

Specifications **60 × 60 × 3 mm, cork**

PU **25 pieces**

Article **9010042-COM**

Specifications **60 × 60 × 10 mm, cork**

PU **25 pieces**



# Sophisticated patio feet

Patio feet must both lift the entire structure from the base and support the weight of the surface plus use and distribute it evenly to the base. NATURinFORM patio feet are perfect for this: All of our substructure profiles can be clicked onto the adjustable foot without tools and, of course, can be infinitely adjusted in this state as well as moved and positioned freely in the longitudinal direction. Unevenness in the ground is levelled out by the ball head of the click plate.

- For good ventilation and quick drying
- For even load distribution
- For levelling uneven bases







## Patio feet S-XL

The pre-assembled patio feet can be quickly adjusted in height with millimetre precision. They ensure that slants on surfaces and uneven terrain of up to 7 % can be levelled out. Furthermore, the patio feet make it easy to create slants of 1–2 % of the deck covered surface. The diameter of the base plate is 135 mm. The click plate has lugs for precise guidance during the clicking process. If required, the patio feet can also be fixed to the substructure. The maximum load on one foot is 2.2 kN. The patio foot is simply set up on firm or well-compacted bases.

Please find matching accessories for the patio feet on the following pages.

Article **1010031-COM**  
Specifications **S (3.3 – 4.8 cm), PP**  
PU **20 pieces**

Article **1010032-COM**  
Specifications **M (4.3 – 6.8 cm), PP**  
PU **20 pieces**

Article **1010033-COM**  
Specifications **L (6.8 – 11.8 cm), PP**  
PU **20 pieces**

Article **1010034-COM**  
Specifications **XL (11.8 – 21.8 cm), PP**  
PU **10 pieces**

# Advantages at a click

- +** Already pre-assembled
- +** Quick to install
- +** Adjustable to the millimetre
- +** Heights from 3.3–21.8 cm
- +** Self-levelling
- +** Suitable for all profiles
- +** Tool-free use
- +** Robust + UV-stable
- +** 100 % recyclable





### Plant fleece

The hard-wearing and tear-resistant fabric made of LD-PE protects against unwanted vegetation and is laid underneath the patio feet. It lets water through and thus protects the patio from waterlogging.

Article **9010074-COM**

Specifications **1.6 × 10 m, LD-PE**

PU **1 piece**



### Cork base

Cork bases are natural products. They have a major advantage over full-surface protective layers due to their selective use under foot: They do not absorb water and thus prevent waterlogging. They prevent mechanical damage and plasticiser migration (chemical reaction between plastics).

Article **9010043-COM**

Specifications **200 × 200 × 3 mm, cork**

PU **10 pieces**

**Up to 20 %  
time saved  
with the right  
accessories**







## Load-distribution plate in action

Our load-distribution plate has two decisive advantages over other materials, such as concrete or steel plates: It has a low dead weight and a low installation height.

With very low installation heights, it can also be used without feet. In this case, height adjustment takes place using pads. The board is used from 8 mm space under the substructure.



**Low weight**



**Low installation height**



## Load-distribution plate

The plate increases the contact area of the feet by a factor of 3.7 and reduces sinking into a yielding substrate, such as insulation, chippings and foil sealing. The click connection fixes the patio feet to the plate quickly and without tools. The guide lugs allow the direct insertion of substructure profiles, even without feet.

Article **1010035-COM**

Specifications **210 × 210 × 8 mm, PP**

PU **20 pieces**









# Perfect finish

## CONNECTIONS AND EDGES

P. 73 **Finishing border**

P. 73 **Border board**

P. 74 **Cover caps**

## DRAINAGE

P. 76 **Patio ground grid**

## SURFACE FINISHING

P. 78 **Joint profile tube**

P. 80 **Lighting**

## CLEANING, CARE

P. 84 **Cleaning agents**



# Consider the finishing touches at the beginning!

Neat covers, edges and transitions are what makes a patio truly remarkable! In order to design the perfect edge for a patio, you must consider the height of the patio to be covered as well as the direct surroundings of the area. When renovating, stone edges or walls are often already in place. New projects, on the other hand, need to be planned individually.

**9 questions**  
for the right  
planning!

- 1** Is the patio stand-alone?
- 2** Can you avoid waterlogging underneath the patio?
- 3** What adjacent components are there on site?
- 4** Will massive or honeycomb profile decks be laid?
- 5** Do steps need to be integrated?
- 6** Do you want a stepless transition into the garden?
- 7** Do you need to ensure accessibility?
- 8** Can water run off the patio without any problems?
- 9** Is good ventilation of the patio possible?



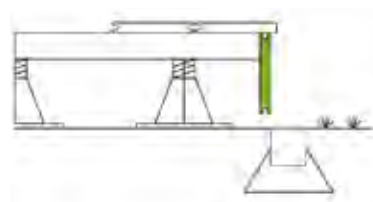


# Edge variants



## Recessed decking area

The advantage of our massive WPC patio decks is that the patio can be elegantly embedded flush into the lawn. This design requires good preparation of the substrate and a construction height of 15 cm to prevent waterlogging and ensure good ventilation. The transition can be designed with stones, for example, or with other materials such as steel.



## Raised deck area

If the patio area is to be built higher than adjacent areas – i.e. a step is created – this should be clearly visible. To avoid dangerous tripping hazards, we recommend a step of 15–20 cm. The boards of the flooring, sheet metal, perforated sheet metal or HPL laminate panels can be used to cover the structure.





# Covers and edges

There are many design options for the edge finish: flowing transitions with gravel, stone or turf, boards sawn to shape, a patio deck of the flooring as a flush or protruding edge, a finishing border, a colour-matching Border board or our floor grate (see variants 1–3 below). However, you always need to consider the distance to fixed components. Free forms such as arches or bevelled edges are only possible with massive patio decks.

- Customised shapes possible with massive boards
- Customised edge processing possible



1: Fastening panels with profile amplifier [see p. 28–29](#)



2: Fastening panels with adapter for transverse bracing [see p. 48–49](#)



3: Fastening panels with Patio construction bracket [see p. 50–51](#)





Edges with customised patio deck

## Edge with Border board or WPC profile

The WPC Border board can be used for low edges and covers. It has two different surfaces: finely striated and smooth. It is fixed in place using the correct screw depending on the material of the substructure (see p. 40–41).

**Tip:** Alternatively, you can also use our patio decks or façade profiles in various heights with matching colours and surfaces as cover.

The aluminium Finishing border is ideal as a material accent and visible edge for the longitudinal cover of the patio deck groove.



## Finishing border

Anodised aluminium angle for visible longitudinal cover.

Article **9010022-COM**

Specifications **35 × 30 × 270 mm, aluminium**

PU **1 piece**



## Border board

Board for covering patio decks. Available in the colours natural, brown, black-brown, grey and anthracite.

Article **depending on colour selection**

Specifications **68 × 15 mm, 4 m long, WPC**

PU **1 piece**



Top: finely striated



Bottom: smooth





## Edge for honeycomb profile decks

There are special Cover caps for our honeycomb profile boards that protect against water penetration. These are available in matching colours for all models. They must be fitted on both sides! Please follow the installation instructions.

The upper edge side can be fixed with the transparent Glue to support fixing the cover caps, the lower edge side must remain unglued.

### Available colours:

COMPACT: brown, grey, anthracite  
COMPACT plus: walnut brown  
and granite/graphite grey.

### Assembly of Cover caps



## Cover caps

Article **depending on colour selection**

Specifications **21 × 139, WPC**

PU **10 pieces**



## Glue

Article **9010011-COM**

Specifications **40 g, enough for 60 caps**

PU **1 piece**



# Make your own ideas come true!

If there are leftover pieces after laying the decks, simply use them for individual small projects that perfectly match the already laid surface.

With the aluminium corner profile, NATURinFORM offers an accessory which you can use to build rectangular structures in no time at all. The profile can be easily combined with elements from the square pipe accessories such as Patio construction brackets, pipe plugs, joints, height-adjustable feet or threaded bushes.



## Corner profile

Corner profile with 22 mm groove, powder-coated according to RAL 7021 for rectangular constructions

Article **9010124-COM**

Specifications **55 x 55 mm, 4 m long, aluminium**  
PU **1 piece**



**Benches, chests**



**Flower beds, planters**



**Sandpits**



Stylish  
accessories  
visually matching  
the patio





# Drainage & ventilation

The 4-m-long aluminium deck grate has three different functions: It is used as a drainage grate, ensures good rear ventilation when using the joint profile tube and protects against rising water in the event of driving rain if it is installed directly along the window front instead of the first patio deck. The floor grate is fastened using the mounting set or screws.

- Drains
- Provides rear ventilation
- Protects the building from driving rain



## Concealed installation

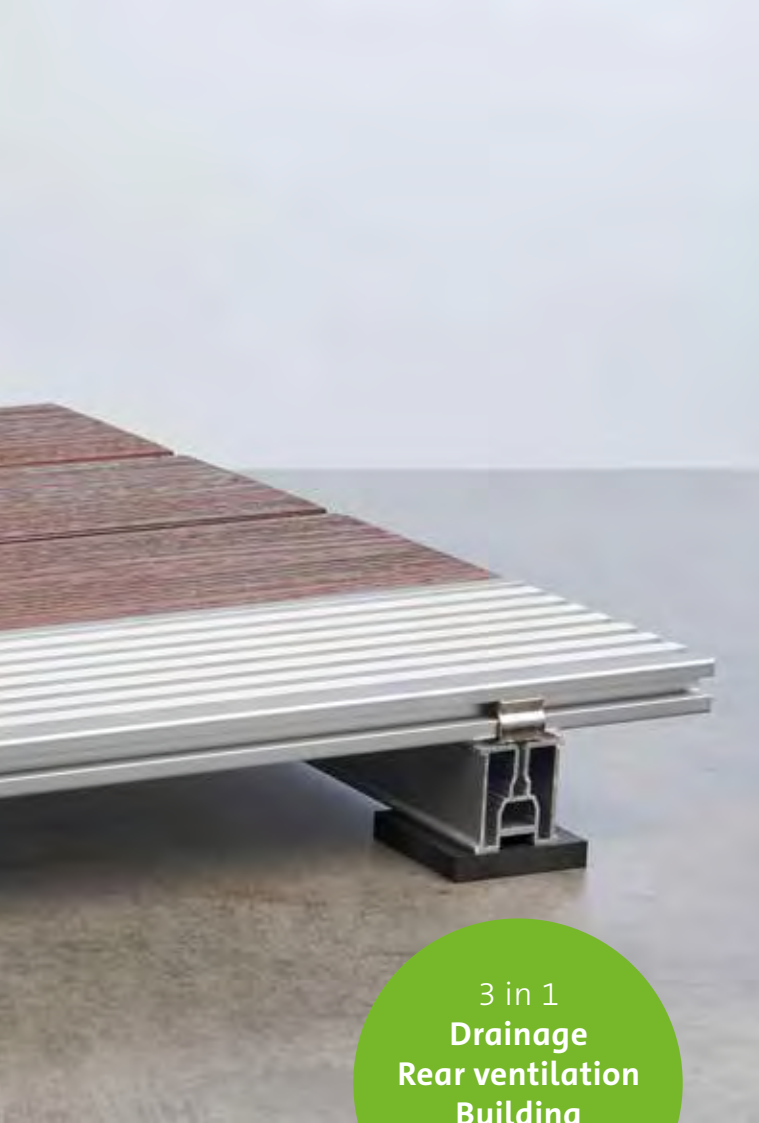
Once the base has been screwed tight, the floor grate can simply be clicked into place.



## Visible attachment

For visible attachment, the grate is positioned flush with the profile ends and screwed through the gaps.





3 in 1  
**Drainage**  
**Rear ventilation**  
**Building**  
**protection**

## Easy to process

The deck grate with its functions as drainage and additional rear ventilation is ideal for very low construction heights or surfaces with a joint profile tube. It is perfectly suited for drainage around pools, along façades or glass fronts or can be used as a cleaning opening over drains.

**Tip:** The 4-m-long grate can be cut to length and width, which makes it easy to adapt to window reveals or roller blind rails, for example.



## Fixing set

The stainless steel fixing set fits any substructure. Simply place in the centre of the screw channel and fasten with the enclosed screws.

Article **9010121-COM**

Specifications **144 × 20 × 16.5 mm, stainless steel**  
 PU **2 pieces**



## Patio ground grid

The ribbed aluminium floor grate is either screwed directly onto the substructure profile or clicked into place using the fastened mounting set. The grate fits on all substructures.

Article **4010104-COM**

Specifications **140 × 20 mm, 4 m long, aluminium**  
 PU **1 piece**



# Sealed patio surface

The NATURinFORM joint profile tube is used for sealing between the patio decks and enhances the look of the deck. The result is a gap-free and opaque surface. The joint profile tube prevents dirt and leaves from falling through and drains away most of the water; however, it does not make the surface watertight. Thanks to the practical insertion aid, it can be installed quickly and easily.

- Makes the surface opaque
- Facilitates cleaning of the surface
- Prevents small parts from falling through
- Drains away water but does not make the surface watertight!

## Manual installation



## Installation with practical insertion aid







Perfect for  
outdoor areas  
**with increased  
dirt accumulation**

## Perfect application

### Balcony structures

The joint profile tube is the perfect tool for balcony structures in residential buildings. It prevents small parts from falling through onto balconies below, without any great effort! It also drains water away from the surface.

### Gastronomy

The joint profile tube is also used for outdoor installations in the catering industry. It prevents pollution of the base caused by, for example, dropped leftovers.

**Tip:** Also acts as anti-trap protection in kindergartens or on playgrounds.



## Insertion aid

The insertion aid made of polypropylene facilitates the efficient and even installation of the joint profile tube.

Article **9010044-COM**

Specifications **45 × 60 × 145 mm, PP**

PU **1 piece**



## Joint profile tube

Joint profile tube made of thermoplastic elastomer for different patio decks. The tube cannot be used for all patio decks. For details, please see the installation instructions.

Article **1290017-COM**

Specifications **ø 14 mm, TPE**

PU **50 m on coil**

Article **1290020-COM**

Specifications **ø 14 mm, TPE**

PU **100 m on coil**

Article **1290019-COM**

Specifications **ø 18.5 mm, TPE**

PU **50 m on coil**



# Stylish lighting

Would you like to illuminate your favourite spot in an atmospheric way? Then consider this right from the start, because LEDs recessed into the ground are a real highlight on any patio. Our LED floor spotlights “made in Germany” are available in two different designs.

- For warm light on the patio
- Available as a 3- or 5-piece set



## 3 LED ground spotlight set

Partial illumination of the patio with warm beams of light. The 3 LED ground spotlight set contains three round 50-mm-diameter LEDs with a glare ring made of V4A stainless steel and aluminium body, 1 watt each. Includes 5 m connection cable with plug, 3-way distributor, 12 V power supply unit.

Article **9010031-COM**

Specifications **round Ø 50 mm, each 1 watt**

PU **1 piece**



## 5 LED ground spotlight set

Partial illumination of the patio with warm beams of light. The 5 LED ground spotlight set contains five round 25-mm-diameter mini LEDs with a glare ring made of stainless steel and aluminium body, 0.25 watt each. Includes PUR cable, 12 V power supply unit.

Article **9010032-COM**

Specifications **spotlight Ø 25 mm, 0.25 watt each**

PU **1 piece**







**Online guide**  
Start the season  
prepared!







# Discover our online guide



## Low-maintenance patio

WPC is a low-maintenance alternative to wooden patio decks – it does not need to be oiled or painted. Our material defies wind and weather, is durable and splinter-free.



## High-pressure cleaning permitted

The outstanding quality of our material also allows the use of high-pressure cleaners. This is very helpful for large decking made of WPC (see page 85 for details)



## Annual basic cleaning

With regular basic cleaning depending on the location and weather conditions (once a year, more often if necessary), you can remove dirt particles from your WPC decking in an uncomplicated and environmentally friendly way. This is because dust, pollen and other dirt can be easily removed with water and a brush, without the use of solvents.



# Annual basic cleaning

Basic cleaning is recommended after winter to refresh the WPC boards fresh for spring, or in the fall to keep the joints free of leaves and dirt. This allows water to drain away safely in autumn and winter. You can remove verdigris, pollen, leaves, water marks around furniture or other deposits at the beginning or end of the gardening season with a simple brush. Have a broom, bucket and scrubbing brush ready for basic cleaning of the patio.

- No painting and oiling necessary
- Environmentally friendly cleaning
- Use of high-pressure cleaner permitted



1. Sweep



2. Hose down



3. Spray stains



4. Scrub



5. Rinse clean



6. Squeegee





**In perfect shape**  
without oiling  
and painting

## This is how it is done!

Before cleaning, all furniture, planters, decorative objects and similar items should be removed from the patio. Then follow steps 1–6 (left). A surface cleaner or high-pressure cleaner is helpful for large WPC decking. The pressure should not exceed 80 bar and the distance between the patio surfaces and the jet should be at least 20 cm.

**Important:** WPC patio decks consist of 70 % wood fibres and should therefore not be cleaned with abrasive cleaners or abrasive tools. Please do not use steam jets, solvent-based cleaners, chlorine cleaners or steel brushes for cleaning.



## Cleaning set

Handy cleaning set with brush, sponge, gloves and special cleaning agent for basic cleaning of the patio.

Article **9950001-COM**  
Specifications **Utensils in cotton bag**  
PU **1 piece**





## Stain removal

You can remove stubborn stains on WPC such as grease or soot using our biodegradable “Special cleaning agent” specially developed for our products: Please follow the instructions on the packaging (spray on, leave to work) and then rinse thoroughly.

For intense pollution caused by e.g. metallic residues, use our “Special intensive cleaning agent” pure. The mixing ratio of 1:10 (cleaning agent to water) can be selected for maintenance cleaning.

**Gentle to  
the environment**  
Biodegradable  
cleaning agent



## Special cleaning agent

For cleaning soiled surfaces.

Article **9010072-COM**  
Specifications **500 ml with spray head**  
PU **1 piece**



## Special intensive cleaning agent

Diluted for maintenance cleaning, pure for removing heavy stains, e.g. metallic residues.

Article **9010075-COM**  
Specifications **1000 ml**  
PU **1 piece**



## Care

NATURinFORM products are inherently very low maintenance. They do not need to be oiled or painted. However, in addition to annual basic cleaning, we recommend checking the entire structure and removing dirt collected in the joints.

It is not compulsory to impregnate our WPC boards, but doing so will still be good for your patio. Our impregnation specially tailored to our wood composite material can be used for brushed models in particular. Thanks to the brushing, it penetrates the material and can take effect there.

The impregnation creates a beading effect and thus prevents the build-up of moss, for example. This makes it easier to clean the brushed WPC boards without impairing their slip resistance. Especially in shaded areas and when using WPC patio decks in the catering trade, we recommend impregnating brushed patio decks.

Before cleaning

After cleaning



## Impregnation

Article **9010038-COM**

Specifications **2.5 l (1 l for approx. 10 m²)**

PU **1 piece**

+

**Beading effect**

+

**Faster drying**

+

**No moss formation**

+

**Easier cleaning**



A photograph of a white truck's flatbed trailer parked on a road. On the trailer sits a large, round, woven wicker planter filled with a green, bushy plant. The background shows a modern house with large windows, a wooden deck with a table, and a field of yellow flowers. A large tree with green leaves is in the foreground on the left. A semi-transparent green circle is overlaid on the right side of the planter, containing white text.

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finden auf  
[naturinform.de](http://naturinform.de)





# We are here for you!

## NATURINFORM

P. 90 **About us**

## CUSTOMER SERVICE

P. 92 **Patio configurator**

P. 93 **Free sample order**

P. 93 **Custom-made products**

P. 94 **Advice**

P. 94 **Training**

P. 95 **Re-Form recycling box**



**Available**  
across Germany  
in qualified  
specialist shops

# Experts for outdoor flooring for over 20 years

## Commitment to quality

Manufacturing our high-quality WPC products, we rely on quality and many years of experience. We only use left-over fibres from the domestic wood industry, stemming 100 % from PEFC-certified forestry.

To achieve optimal material characteristics for use outdoors we add 30 % food-safe, pure polymer to the 70 % wood fibre content, thereby producing quality products that are durable and recyclable.

Our quality management ensures our material retains the same high quality by conducting regular inspections. Among others, we check the slip resistance of the patio decks, toy suitability, resistance against wood-destroying fungi and fire behaviour. As a member of the Qualitätsgemeinschaft Holzwerkstoffe e.V. Berlin, NATURinFORM GmbH is a driver for secured quality production.

## Environmental awareness

Be it in production, our choice of raw materials, or the reusability of our products: We make sure that our products can be processed and maintained in an environmentally friendly way, and keep a close eye on using as little energy as possible on distribution and shipping. To protect the environment, we obtain 100 % green power and have been certified as a climate-neutral company by TÜV Nord. Our products are shipped on optimized routes to avoid detours and unnecessary carbon emissions. In addition, we guarantee that all the sales and transportation packaging we distribute is recycled.

Leftovers from production or old material from our customers are re-fed into the production cycle. Our WPC products can be recycled up to 25 times – creating a product lifecycle of up to 625 years.



Horst Walther, Founder and Managing Director  
and Cordula Nägele, Managing Director







Including  
AR visualisation  
for the home

# With just a few clicks to your dream patio!

With the new patio configurator, you can design your decking including substructure, free-form shapes and slopes. Thanks to the 3D and AR visualisation, you can get an immediate and uncomplicated first impression. Start now - from the comfort of your laptop or smartphone.



**Go to the patio configurator**  
Discover our patio decks online  
and plan your favourite spot!

- +** Large selection of patio decks
- +** Over 30 colours
- +** Free sample service
- +** Regional specialist dealers
- +** Fast availability
- +** Competent advice





# Our service for you!



## Free sample order

We offer a wide range of colours as well as different surfaces of our products. But even the best possible picture is sometimes not enough to provide a meaningful impression. Use our free sample order and see for yourself!

- Up to 3 free samples
- Dispatch within 3–5 working days



## Custom-made products

Our extensive standard range does not have what you are looking for? In addition to our classic standard lengths of 3–6 m, we also offer waste-optimized special lengths on request. Depending on your project we can provide you with lengths from 2–13 metres, thereby creating a beautiful, homogeneous surface impression – saving time during assembly and preventing ugly joints.

You can also be inspired by our clear-conscience special colours. Our products contain no colouring agents hazardous to health or the environment. We use colour pigments to achieve a natural colour. The colouring permeates the patio deck and therefore cannot peel off, unlike externally applied colour or varnish.

- Lengths from 2–13 m
- Over 30 different colours
- Customised products on request



Draw on our expertise and advice.  
We at NATURinFORM and our specialist retail partners in  
Germany, Austria and Switzerland are here for you!



### Competent advice

We and our specialist retail partners will be happy to advise you on all your questions about NATURinFORM products and services. Use the online retailer search on our website to find the right contact in your region. Your retailer will provide you with documentation on our products and you can place your order directly.

#### Craft

Do you have questions about our products, installation or processing? Are you interested in training courses or would you like to become part of our processing network? Then send us an e-mail to:  
[service@naturinform.com](mailto:service@naturinform.com)

- Over 300 dealers in DE, AT, CH
- [www.naturinform.de/haendlersuche](http://www.naturinform.de/haendlersuche)



### Training

We pass on our know-how to our specialist dealers and trade businesses. Because we know how important good advice is and that our products perform at their best in good hands – with the right advice and professional installation, our products will last for several generations!

- Extensively trained trade
- Special installation training courses



Recycle  
together  
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recyclingbox](https://naturinform.de/recyclingbox)

# Do you know the Re-Form recycling box?

- + Recyclable material
- + Sustainably produced
- + 100 % recyclable

Doing good is easy with the NATURinFORM Re-Form recycling box. You collect the leftover pieces from your projects and we return 100 % of them to our production process. Simply fill the box with NATURinFORM products and register the recycling box online for collection free of charge.

Do you have a small project or a private patio and would like to return offcuts? Ask your retailer about the recycling box.





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