



DEER

NATURE,  
WELCOME BACK





## FOCUS ON OUR PLANET

New ecological times bring with them new challenges – and new challenges call for innovation. Social changes raise issues that require the full use of our imagination to resolve. And from such imagination, an innovative and creative approach to urban design can emerge. **Discover Deer grass pavers: design, aesthetics and accessible greenery.**

Driven by the experience of three generations in concrete production and by its constant pursuit of a more **environmentally friendly production process**, COBEFA is moving in the direction of **water-permeable surfacing**. Because the demand is growing ever stronger: for more greenery and nature and better water management, with **design options in which greenery features prominently**. We too firmly believe that water-permeable surfacing is the future, and with Deer we're doing all we can to adapt our production accordingly.

FOUNDER: JEROEN DECOCK  
DESIGNER: BENJAMIN VAN GEEM

“

BRINGING NATURE BACK INTO  
THE CITY IS A WAY TO DEAL  
WITH URBAN SPRAWL. IF CITIES  
FEEL A LITTLE MORE NATURAL,  
PEOPLE LIKE TO LIVE THERE  
RATHER THAN MOVING OUT AND  
DIVIDING UP ANOTHER PIECE  
OF LAND THAT SHOULDN'T BE  
TOUCHED.

STONE GOSSARD

#### GRID

10	BRUTAL
18	STRAIGHT
26	HALFTONE
34	BEACH
42	COBBLES

#### ORGANIC

54	LILY
62	STRAIGHT
70	COBBLES
78	CROSSHATCH

#### INDUSTRIAL

88	BRUTAL
96	HALFTONE

#### TECHNICAL SHEET

114	BRUTAL
114	STRAIGHT
114	HALFTONE
115	BEACH
115	COBBLES
116	LILY
116	STRAIGHT
116	COBBLES
116	CROSSHATCH
117	INDUSTRIAL BRUTAL
117	INDUSTRIAL HALFTONE



# GRID

Grid is synonymous with architectural, water-permeable grass pavers made of reinforced concrete that create or restore the delicate balance between people, nature and water in urban environments. Our products are **eye-catchers in public infrastructure** such as footpaths and cycle paths, and in parking facilities and driveways too. Versatile and sustainable.

The five Grid patterns represent a timeless aesthetic. With **'Brutal'**, **'Straight'**, **'Halftone'**, **'Beach'** and **'Cobbles'** you can create an industrial design in which uncompromising aesthetics, functionality and sustainability go hand in hand.



BRUTAL



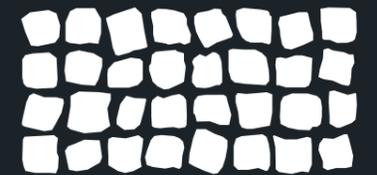
STRAIGHT



HALFTONE



BEACH



COBBLES

# IT'S ALL ABOUT URBAN PLANNING

Everything starts with a strong concept. Our range offers **unique added value** because it works with innovative patterns that you as an architect **can vary endlessly with**. In addition, you choose which **materials** to incorporate: grass, gravel, ... Again, there are several options to play with. Furthermore, you are given the option to choose the **colour of the grass pavers** so that they add not only practical, but also **aesthetic value**. All our types of grass pavers have their own individuality and allow architects to unleash their **creativity**.

LET'S CREATE

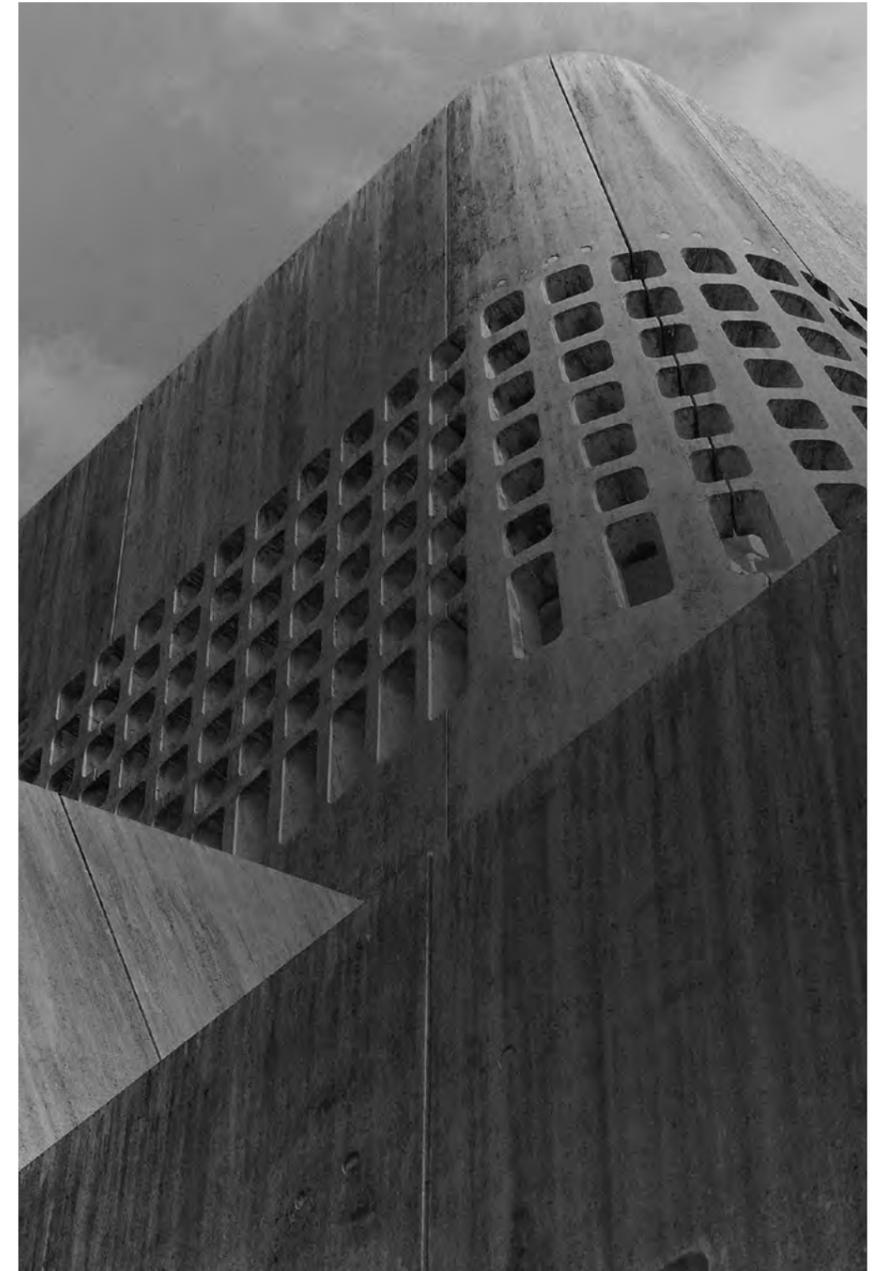


01  
**BRUTAL**

INSPIRATION

For the Brutal pattern, we took inspiration from functionalism and the **Japanese 'brutalist' style** that characterises the streets of the Japanese city of Okinawa. In this style, pure concrete surfaces are interrupted by adding holes that create a **beautiful shadow play** and **dynamic end result**. A contrast to the classic Japanese style, which is what makes it so inspiring.

Our Brutal grass pavers are a nod to the classic grass paver, but with **more options and nuances**. The cavities (cut-outs), for example, are not in a straight line, but slightly funnel-shaped, constantly changing the appearance of the holes, depending on the light. In terms of application, **classic straight borders** can always be created, but **creative patterns** as well.





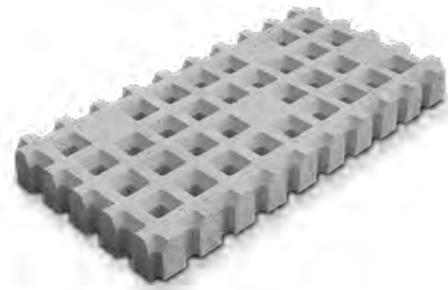


# BRUTAL

The Brutal pattern can be integrated **entirely to your wishes**. You can opt for a **clearly defined pattern**, but the options are endless.



B1 BRUTAL STANDARD



B2 BRUTAL SPECKLED



B3 BRUTAL BORDER LENGTH



B4 BRUTAL BORDER WIDTH



B5 BRUTAL BORDER CORNER L



B6 BRUTAL BORDER CORNER R



B7 BRUTAL TRANSITION



B8 BRUTAL TRANSITION BORDER WIDTH 1



B9 BRUTAL TRANSITION BORDER WIDTH 2



B10 BRUTAL TRANSITION CORNER L



B11 BRUTAL TRANSITION CORNER R



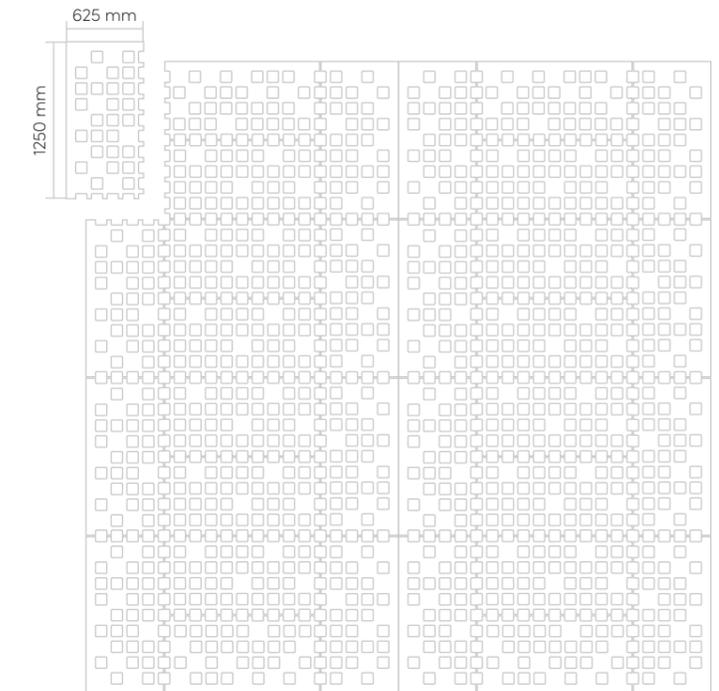
E3 FULL TILE

## COLOURS



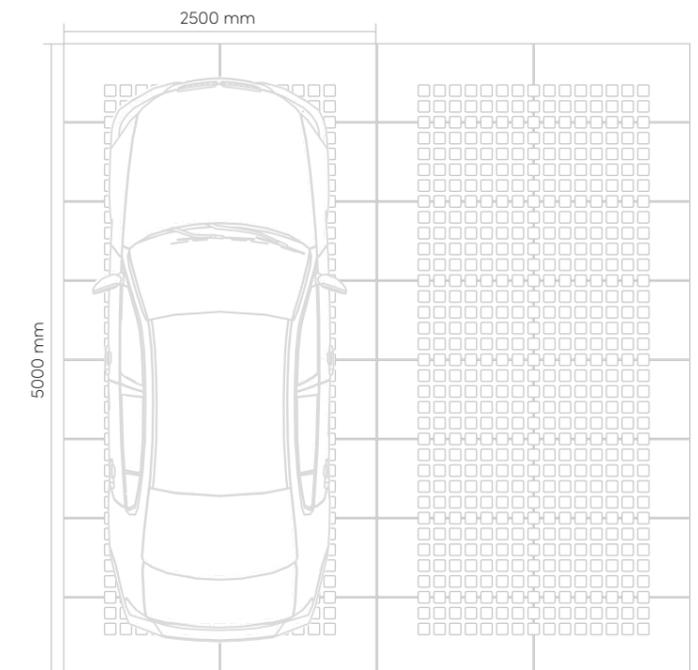
## COMBINATION OF TILES B2, B7, B10 & B11

B10	B7	B11
	B2	
B7	B2	B7
	B2	
B7	B2	B7
	B2	
B11	B2	B10
	B7	



## COMBINATION OF TILES B4, B5 & B6

B6	B5
B4	B4
B5	B6



## DIGITAL LIBRARY

DOWNLOAD THE TILE DATASHEETS IN DWG AND STL FORMAT FROM OUR WEBSITE: [WWW.DEERCONCRETE.COM](http://WWW.DEERCONCRETE.COM)

02

# STRAIGHT

## INSPIRATION

A contemporary pattern that is close to a lot of architectural movements working with clean lines.

**Minimalist, timeless** and can be used in a variety of projects. This pattern is particularly popular because it fits perfectly in **various settings and applications**, but also because it is very functional. The Straight pattern gives your project more **structure and direction** thanks to its **clean lines**. Perfect for smooth bordering.

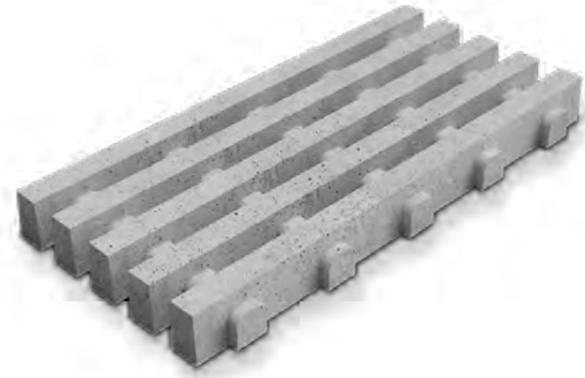






# STRAIGHT

The Straight pattern can be integrated **entirely to your wishes**, and the line pattern is fully up to you.



S1 STRAIGHT STANDARD



S2 STRAIGHT BORDER LENGTH



S3 STRAIGHT BORDER WIDTH



S4 STRAIGHT BORDER CORNER L



S5 STRAIGHT BORDER CORNER R

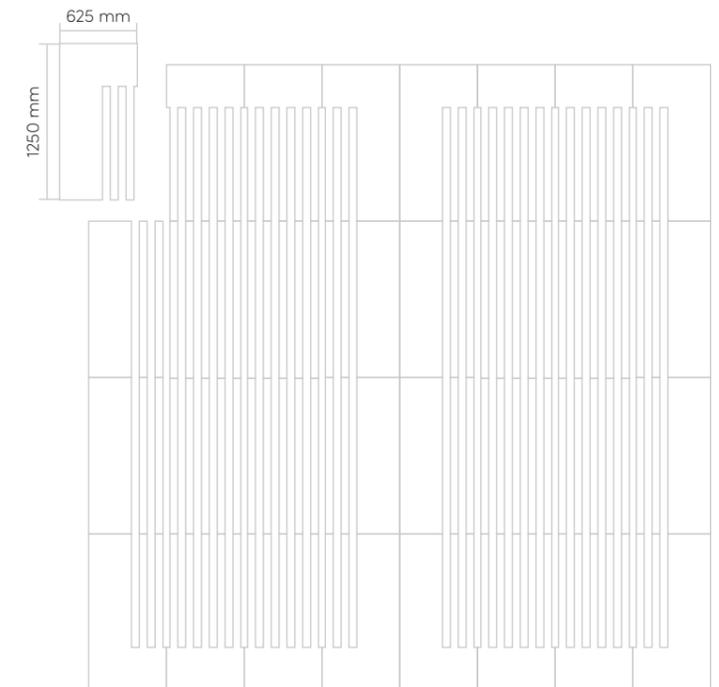


E3 FULL TILE

## COLOURS

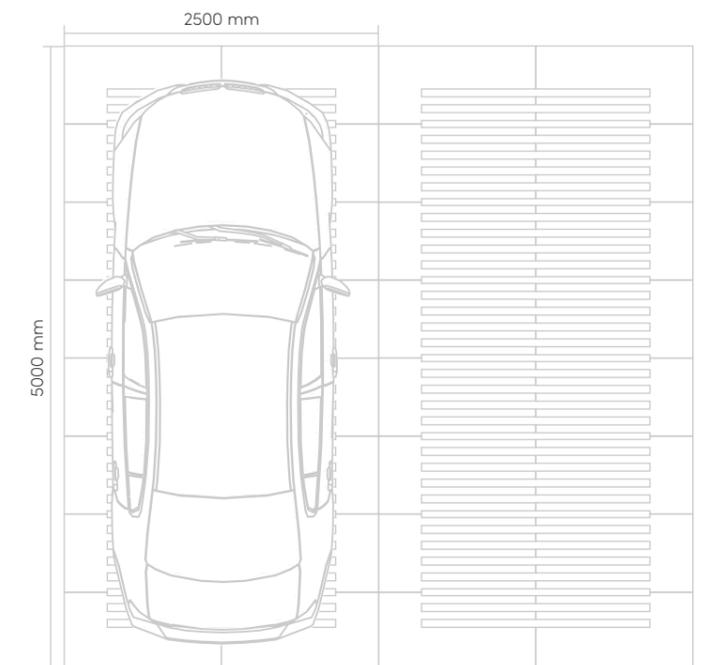


COMBINATION OF TILES S1, S2, S3, S4 & S5



S4	S3	S3	S5
S2	S1	S1	S2
S2	S1	S1	S2
S5	S3	S3	S4

COMBINATION OF TILES S3, S4 & S5



S5	S4
S3	S3
S4	S5

## DIGITAL LIBRARY

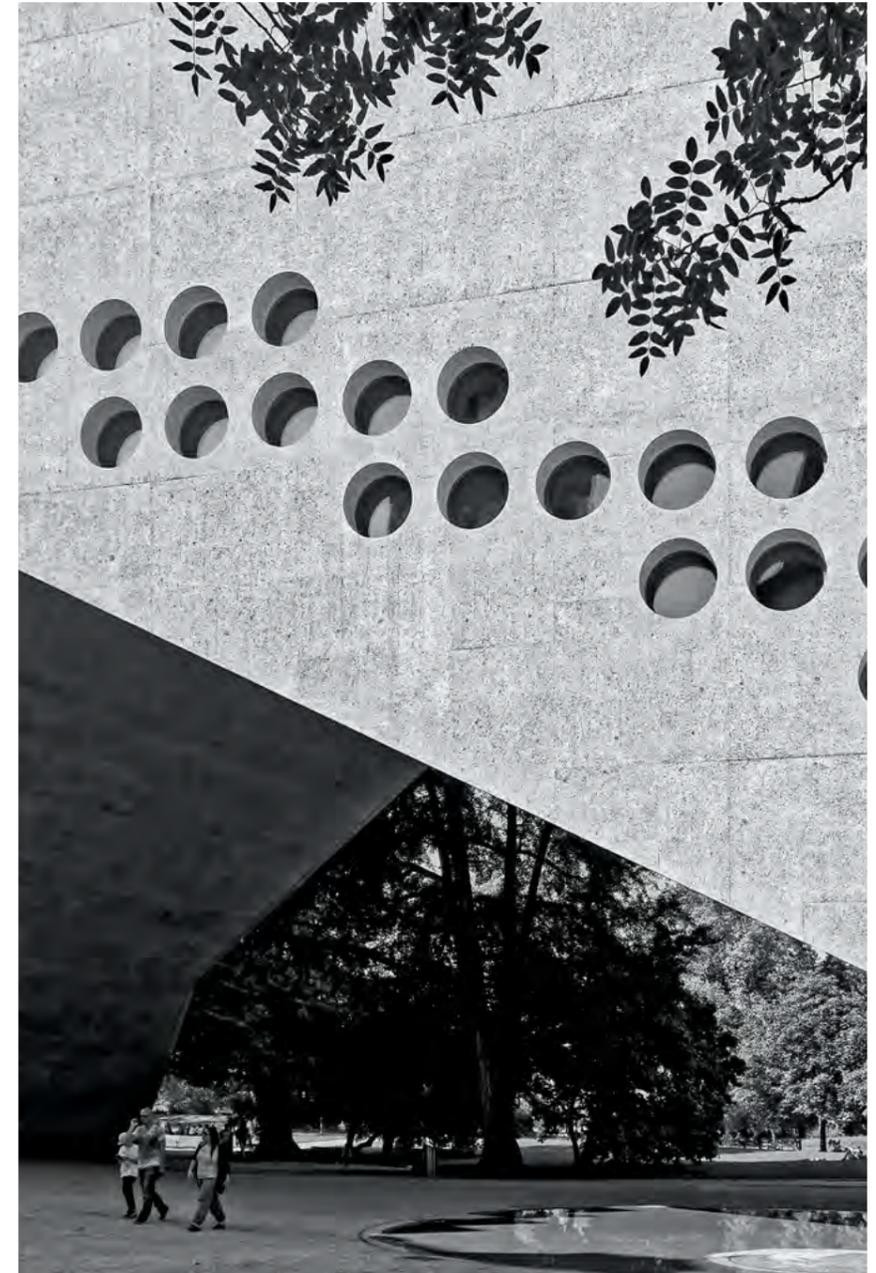
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03

# HALFTONE

## INSPIRATION

Our Halftone was derived from the Brutal pattern. 'Half tone' is known as a printing technique characterised by a kind of **dot pattern**. Ideal for getting creative in a flat plane. As with the Brutal, you can experiment with straight lines and borders. The Halftone pattern is distinguished by the fact that the **holes are smaller and rounded**. This has not only an **ergonomic advantage** but also a practical one, as the grass pavers feel very pleasant to **walk** or **cycle** on.







# HALFTONE

The Halftone pattern is perfect for installing grass pavers in a **variety of manners**. Ideal for public places where many cyclists and pedestrians pass by.



H1 HALFTONE STANDARD



H2 HALFTONE SPECKLED



H3 HALFTONE BORDER LENGTH



H4 HALFTONE BORDER WIDTH



H5 HALFTONE BORDER CORNER L



H6 HALFTONE BORDER CORNER R



H7 HALFTONE TRANSITION



H8 HALFTONE TRANSITION BORDER WIDTH 1



H9 HALFTONE TRANSITION BORDER WIDTH 2



H10 HALFTONE TRANSITION CORNER L



H11 HALFTONE TRANSITION CORNER R



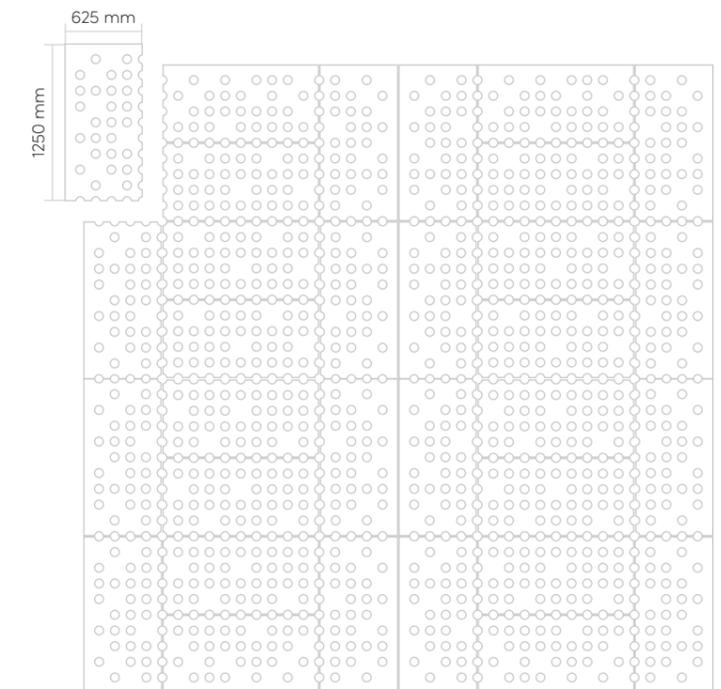
E3 FULL TILE

## COLOURS



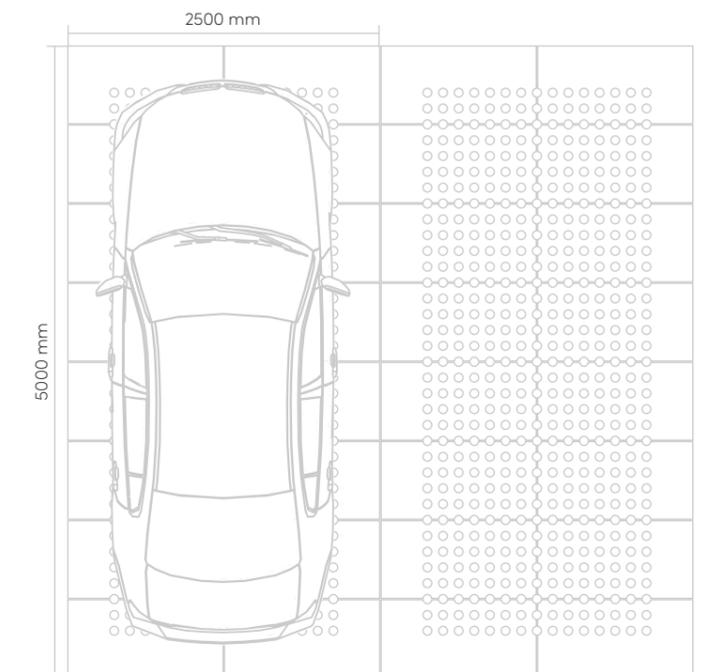
## COMBINATION OF TILES H2, H7, H10 & H11

H10	H7	H11
	H2	
H7	H2	H7
	H2	
H7	H2	H7
	H2	
H11	H2	H10
	H7	



## COMBINATION OF TILES H4, H5 & H6

H6	H5
H4	H4
H5	H6



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04

# BEACH

## INSPIRATION

The name says it all: the sea is at the heart of our design. Everyone knows them, the **wavy lines** left in the sand when the water flows back into the sea. A graphic pattern mostly found in prints and the design world, it is therefore **unseen** in grass pavers. For the architect who wants to merge **practicality and aesthetics** in his design into a **beautiful (and harmonious) whole**.







# BEACH

The Beach pattern can be installed in two directions, depending on the application.



BE1 BEACH STANDARD



BE2 BEACH BORDER LENGTH



BE3 BEACH BORDER WIDTH



BE4 BEACH BORDER CORNER L



BE5 BEACH BORDER CORNER R



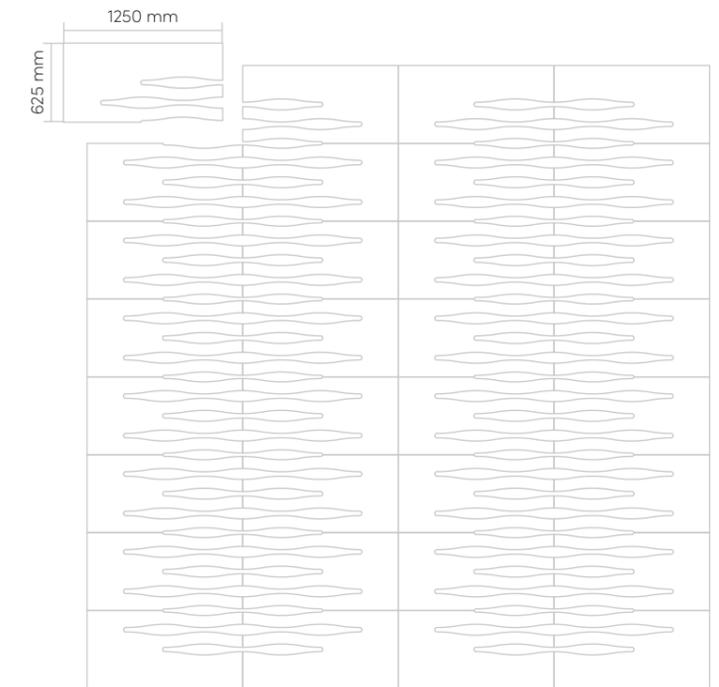
E3 FULL TILE

## COLOURS



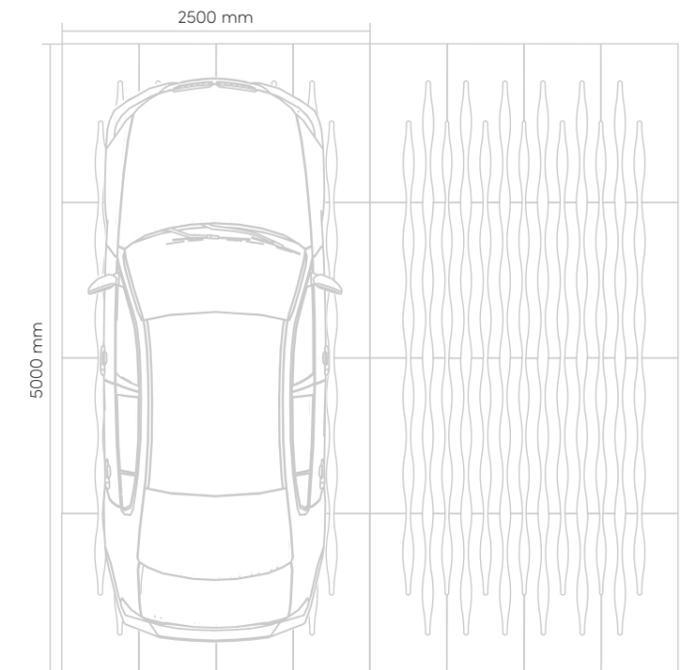
COMBINATION OF TILES BE3, BE4 & BE5

BE5	BE4
BE3	BE3
BE4	BE5



COMBINATION OF TILES BE1, BE2, BE3, BE4 & BE5

BE4	BE3	BE3	BE5
BE2	BE1	BE1	BE2
BE2	BE1	BE1	BE2
BE5	BE3	BE3	BE4



## DIGITAL LIBRARY

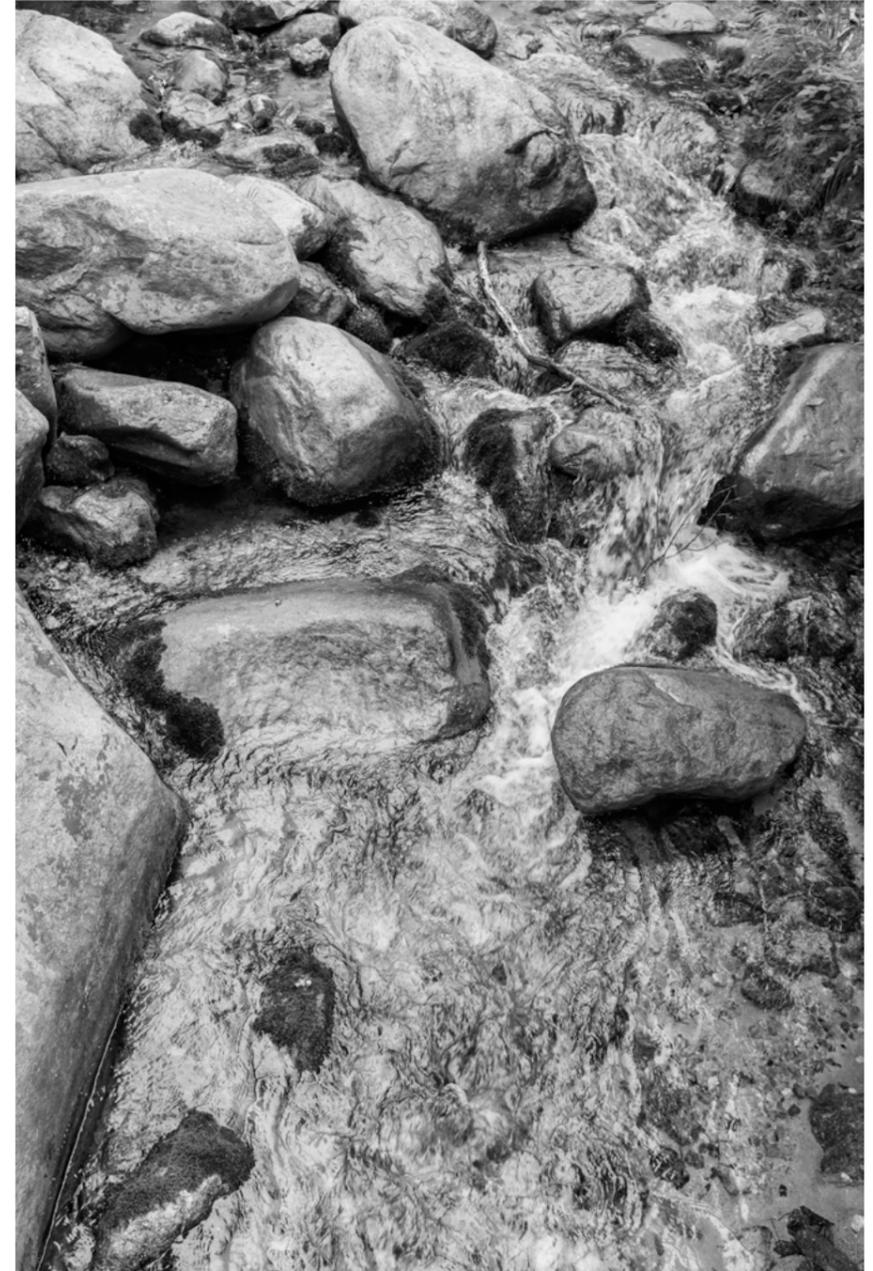
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05

# COBBLES

## INSPIRATION

Cobbles is a contemporary reinterpretation of the iconic **Flemish cobblestone**, offering a harmonious blend of tradition and innovation. The robust design retains the authentic look of the classic cobblestone, but adds the **advantages of a state-of-the-art grass paver**: sustainability, versatility and permeability.







# COBBLES

The Cobbles pattern offers architects freedom with a mix of authenticity, structure, and harmony.



CO1 COBBLES STANDARD



CO2 COBBLES BORDER LENGTH



CO3 COBBLES BORDER WIDTH



CO4 COBBLES BORDER CORNER L



CO5 COBBLES BORDER CORNER R

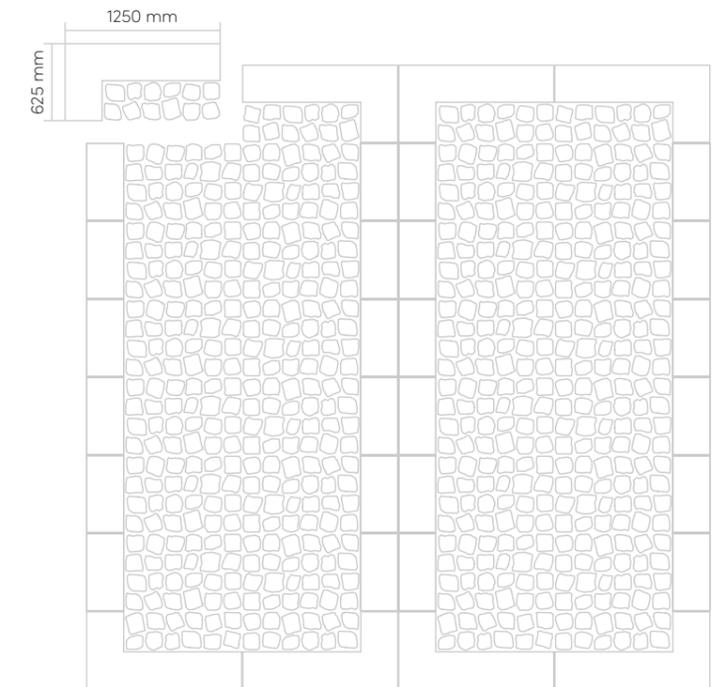


E3 FULL TILE

## COLOURS

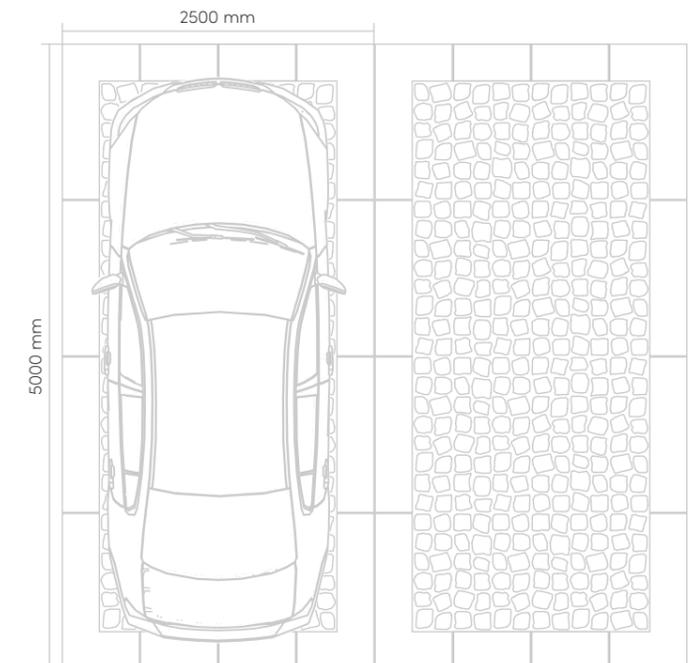


## COMBINATION OF TILES CO3, CO4 & CO5



CO5	CO4
CO3	CO3
CO4	CO5

## COMBINATION OF TILES CO1, CO2, CO3, CO4 & CO5



CO4	CO3	CO3	CO5
CO2	CO1	CO1	CO2
CO2	CO1	CO1	CO2
CO5	CO3	CO3	CO4

## DIGITAL LIBRARY

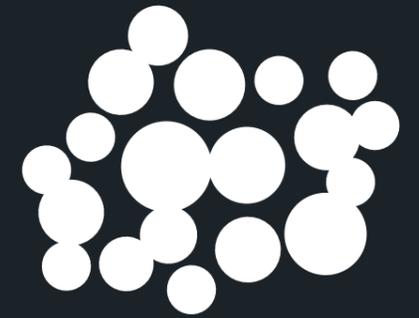
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## ORGANIC

Nature doesn't grow in straight lines. No two organisms are identical. The 'Lily', 'Straight', 'Cobbles' and 'Crosshatch' designs in our Organic line adopt nature's forms magnificently, incorporating natural elements into our concrete products with original and aesthetic elegance.

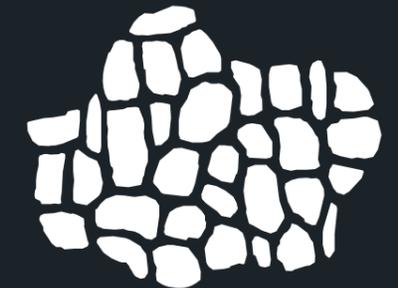
Each pattern is a source of inspiration that **imparts a new dimension to architectural design**. This is the perfect solution to bring the peace and harmony of nature to every outdoor space in your own, original way. From car parks and driveways to footpaths and cycle paths.



LILY



STRAIGHT



COBBLES



CROSSHATCH

## CREATIVE SUSTAINABILITY

Grid is synonymous with architectural, water-permeable grass pavers made of reinforced concrete that create or restore the delicate balance between people, nature and water in urban environments. Our products are **eye-catchers in public infrastructure** such as footpaths and cycle paths, and in parking facilities and driveways too. Versatile and sustainable.

With patterns inspired by nature such as the elegant 'Lily', the taut lines of 'Straight', the robust charm of 'Cobbles' and the whimsical forms of 'Crosshatch', Organic offers a refreshing take on traditional grass paver designs. For architects, this means **more freedom to think out of the box** and create unique, **welcoming outdoor spaces** where people can relax and enjoy nature. With Deer's Organic grass pavers, water-permeable surfacing becomes not just a solution but a **distinctive and creative** way to restore harmony between city and nature.

## LET'S CREATE



01  
**LILY**

INSPIRATION

Lily is inspired by lily flowers known for their **timeless elegance and beauty**. Lilies thrive in various environments and even transform the most austere landscapes into **vibrant and inviting oases**. With our interpretation of this serene flower, **every outdoor space receives a trendy upgrade**.







# LILY

Lily is available both in a **full tile** and in a **tile with a visible pattern**.



LI-L LILY LARGE



LI-S LILY SMALL



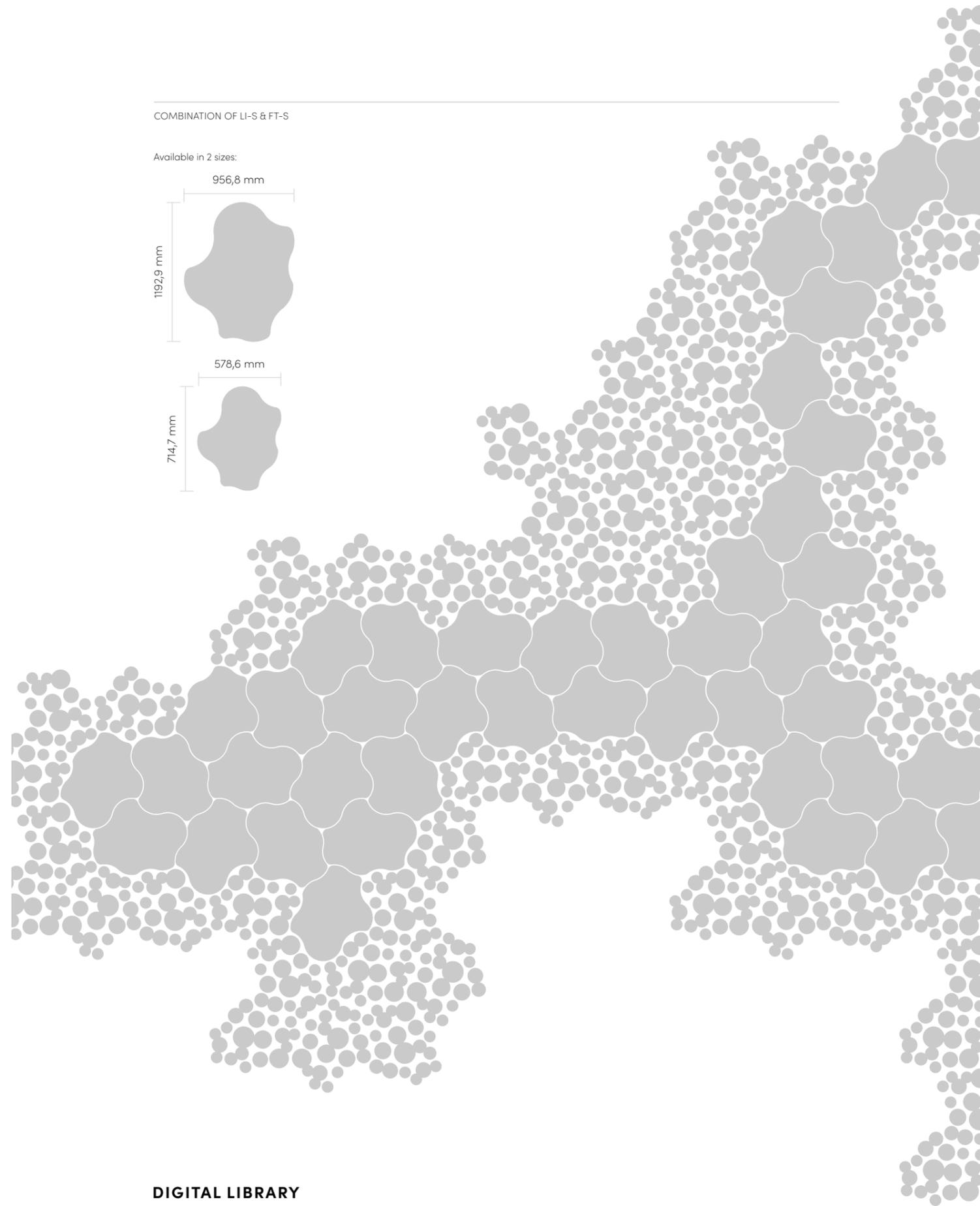
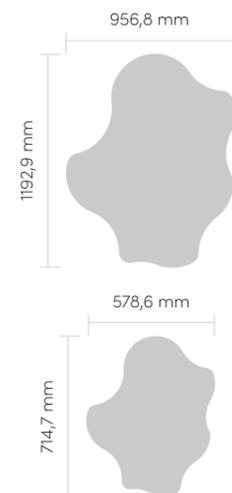
FT-L FULL TILE LARGE



FT-S FULL TILE SMALL

## COMBINATION OF LI-S & FT-S

Available in 2 sizes:



## COLOURS



## DIGITAL LIBRARY

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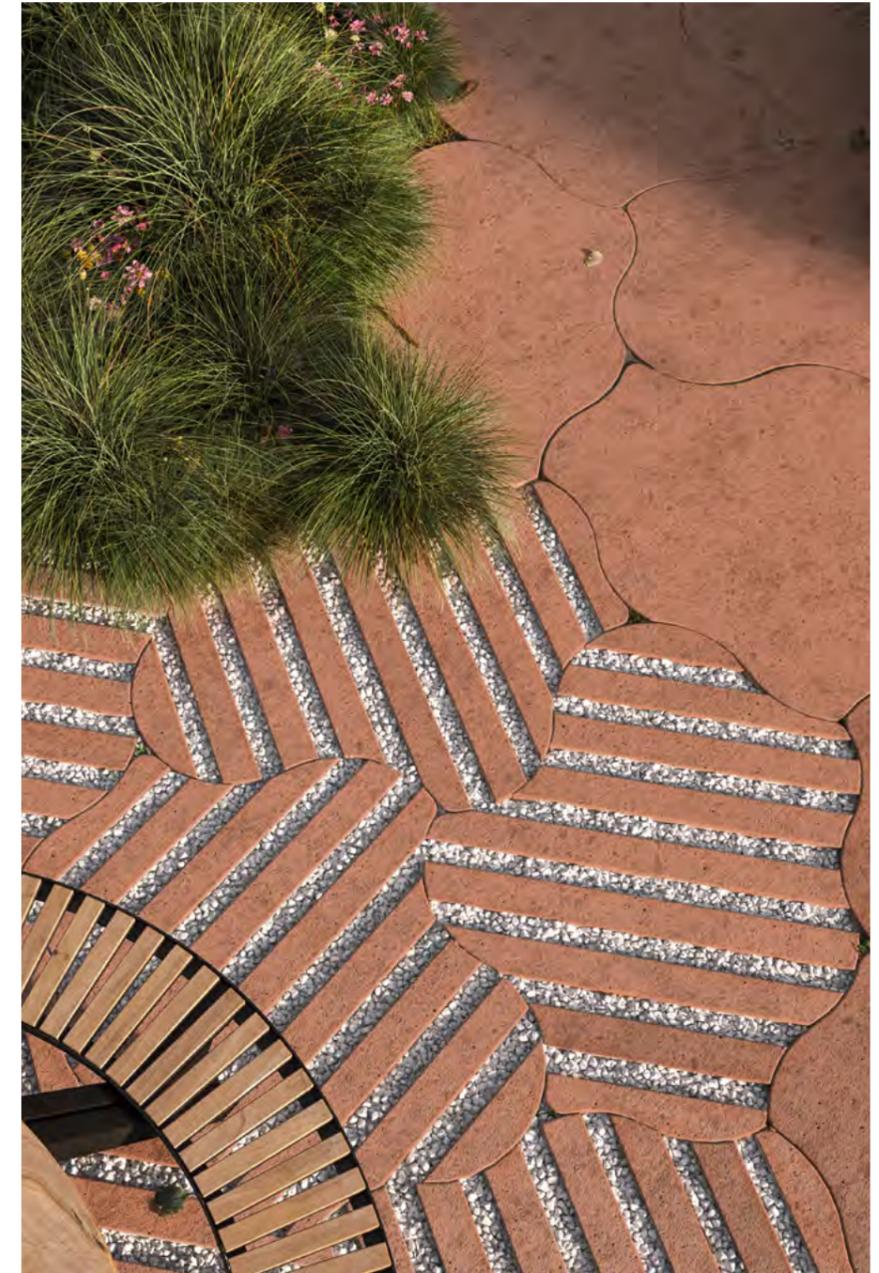
02

# STRAIGHT

## INSPIRATION

Straight pays tribute to the beauty of simplicity and symmetry in nature. With its clean and straight lines, Straight brings a **sense of order and harmony** to any whimsical outdoor space. **A versatile and aesthetically refined solution** for creating an organic and inviting outdoor environment.







# STRAIGHT

Create the ideal match between straight lines and the whimsical shape of the tile by choosing either **a tile with the pattern or a full tile.**



ST-L STRAIGHT LARGE



ST-S STRAIGHT SMALL



FT-L FULL TILE LARGE



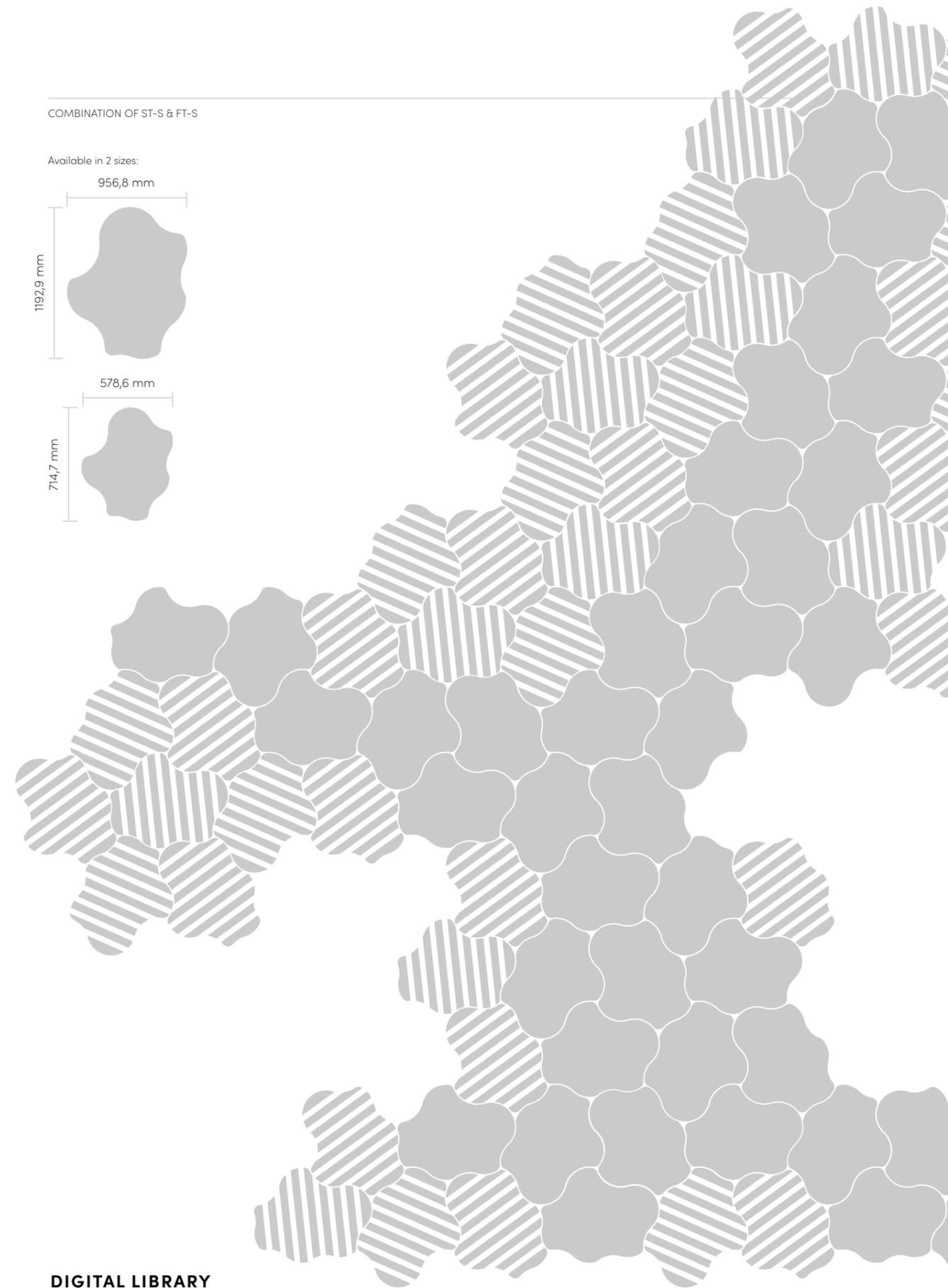
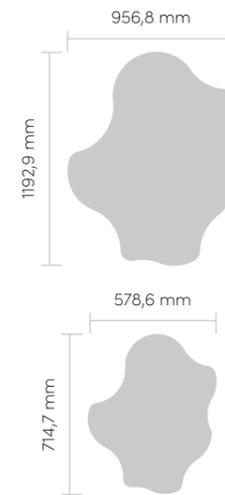
FT-S FULL TILE SMALL

## COLOURS

- URBAN GREY
- GREEN
- TERRACOTTA
- ANTHRACITE

## COMBINATION OF ST-S & FT-S

Available in 2 sizes:



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03

# COBBLES

## INSPIRATION

Cobbles is inspired by the timeless charm of the Flemish cobblestone – a robust and authentic feature that creates a natural look. The **refinement** of its **subtle textures** and **flowing lines** is a perfect fit with organic designs and strengthens the interaction between urban structures and green environments.

Whether it is for a winding path in a city park or a quiet bench in a green oasis, Cobbles offers an elegant and practical solution that **brings peace and balance to landscape design**.







# COBBLES

Cobbles give architects the freedom to create sustainable, organic, and visually appealing street designs.



CO-L COBBLES LARGE



CO-S COBBLES SMALL



FT-CO-L COBBLES FULL TILE LARGE



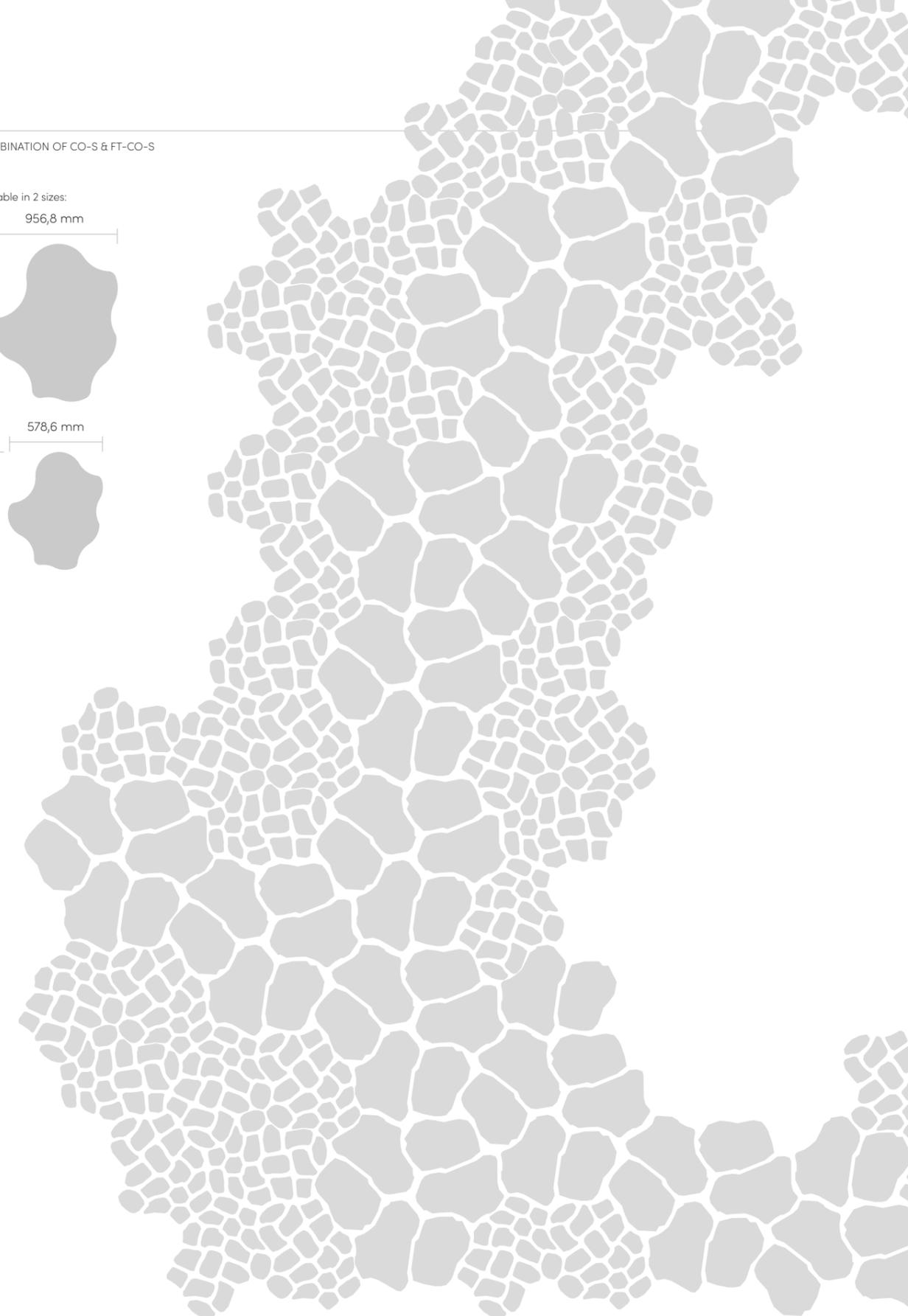
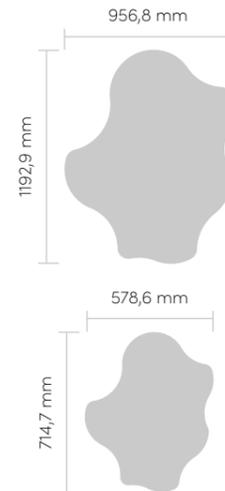
FT-CO-S COBBLES FULL TILE SMALL

## COLOURS



## COMBINATION OF CO-S & FT-CO-S

Available in 2 sizes:



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04

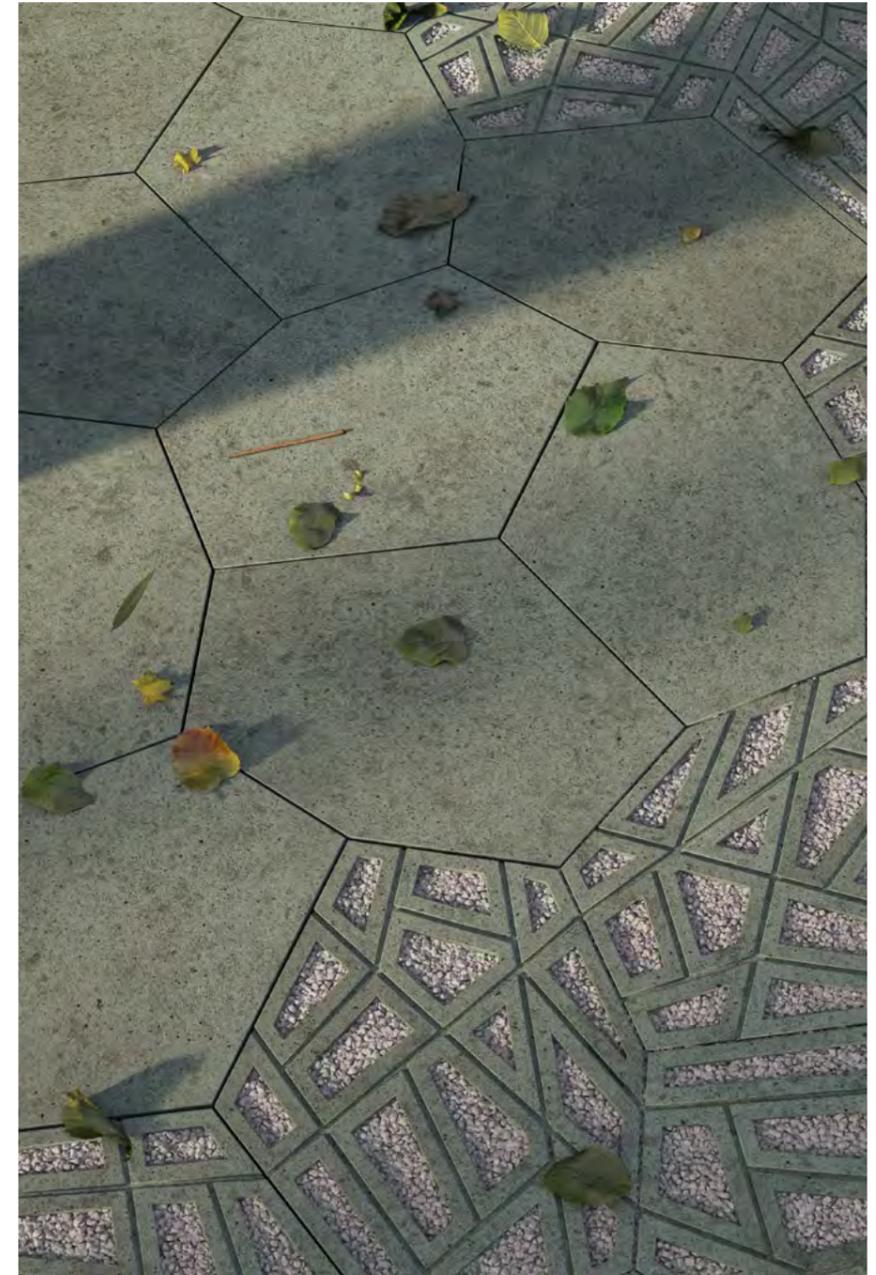
# CROSSHATCH

## INSPIRATION

Crosshatch is an ode to the vibrant and playful forms found in nature. With their circular patterns, they bring a sense of **movement and dynamism** to every outdoor space. Inspired by the organic shapes and textures we see around us, Crosshatch adds a feeling of life and energy to landscape architecture.

Whether it's a modern residential area or a lush garden at a corporate complex, these tiles offer an inviting allure that **elevates the natural beauty of the outdoor space**.







# CROSSHATCH

Choose between the **full tile** with irregular edges or **the tile with the pattern** visible within.



CH-L CROSSHATCH LARGE



CH-S CROSSHATCH SMALL



CHFT-L CROSSHATCH FULL TILE LARGE

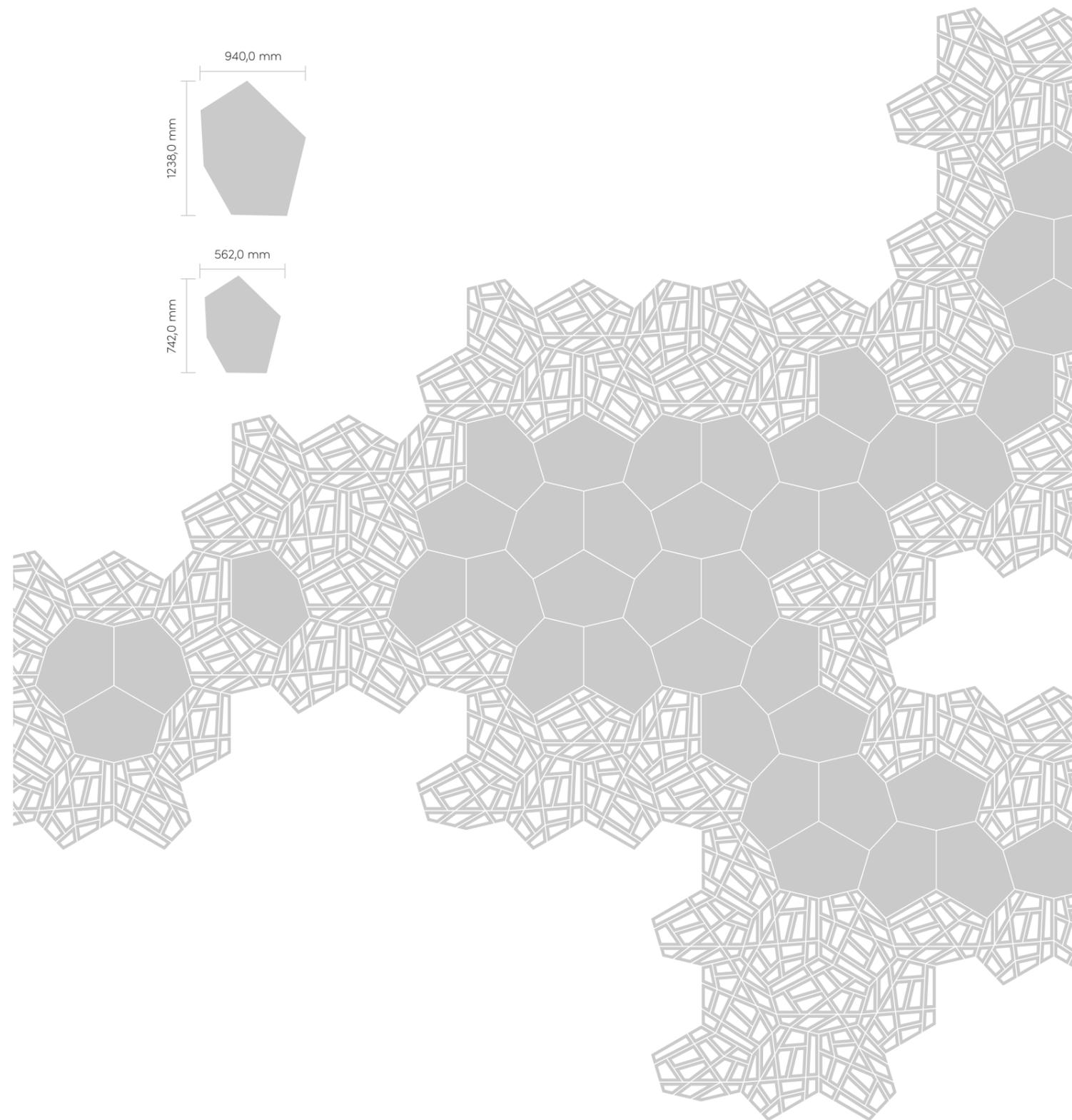
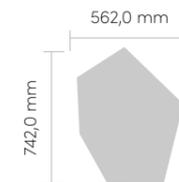
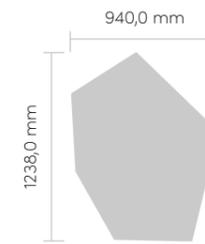


CHFT-S CROSSHATCH FULL TILE SMALL

## COLOURS



## COMBINATION OF CH-S & CHFT-S



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## INDUSTRIAL

Deer's Industrial line is a real source of inspiration for (landscape) architects striving for a **timeless, powerful design**. Industrial embodies the essence of minimalist beauty and serenity, with an **austere yet elegant style** that blends seamlessly into every environment.

A design that suits your own taste or a project involving the **'Brutal' and 'Halftone'** collections, both of which offer a range of possibilities to make a statement with an outdoor space. The end result is **dynamic and impactful**.



BRUTAL



HALFTONE

01

# INDUSTRIAL BRUTAL

## INSPIRATION

Our inspiration for the Industrial Brutal pattern lies in functionalism and the **Japanese 'brutalist' style**. Here, plain concrete surfaces are broken up by holes that create a **lovely interplay of shadows**, producing a **dynamic end result**. A contrast with the classical Japanese style that gives your designs an extra boost. Brutal is characterised by its one-of-a-kind sturdiness and the way it plays with light, producing a surprising effect every time.



# INDUSTRIAL BRUTAL

Creatively approach this design by playing with the possibilities when it comes to **edging and patterns**.



B250 INDUSTRIAL BRUTAL LARGE



B200 INDUSTRIAL BRUTAL SMALL



B250-ST INDUSTRIAL BRUTAL STANDARD LARGE



B200-ST INDUSTRIAL BRUTAL STANDARD SMALL



FT250 INDUSTRIAL FULL LARGE



FT200 INDUSTRIAL FULL SMALL

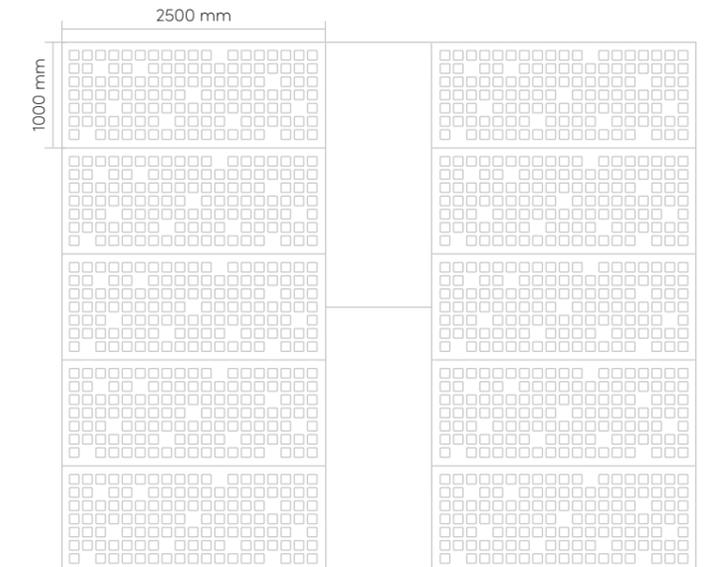
## COLOUR



URBAN GREY

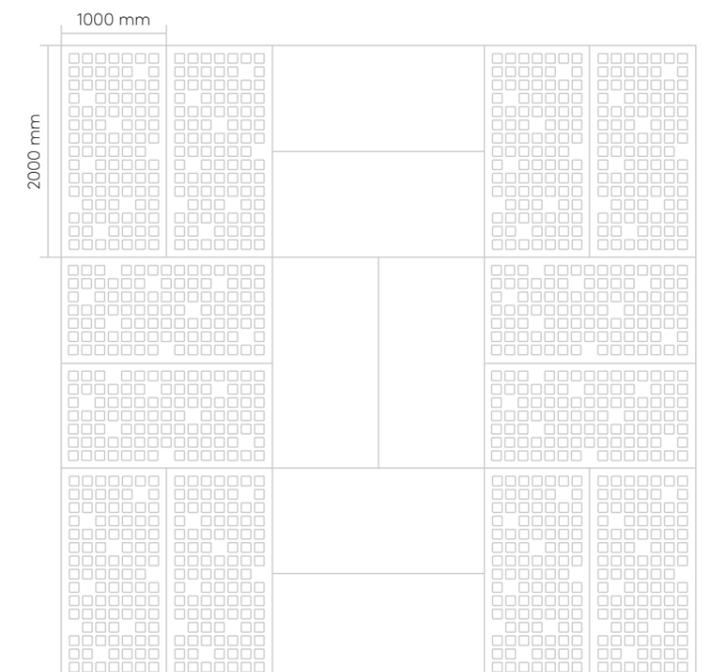
## COMBINATION OF B250 & FT250

B250	FT250	B250
B250		B250
B250	FT250	B250
B250		B250



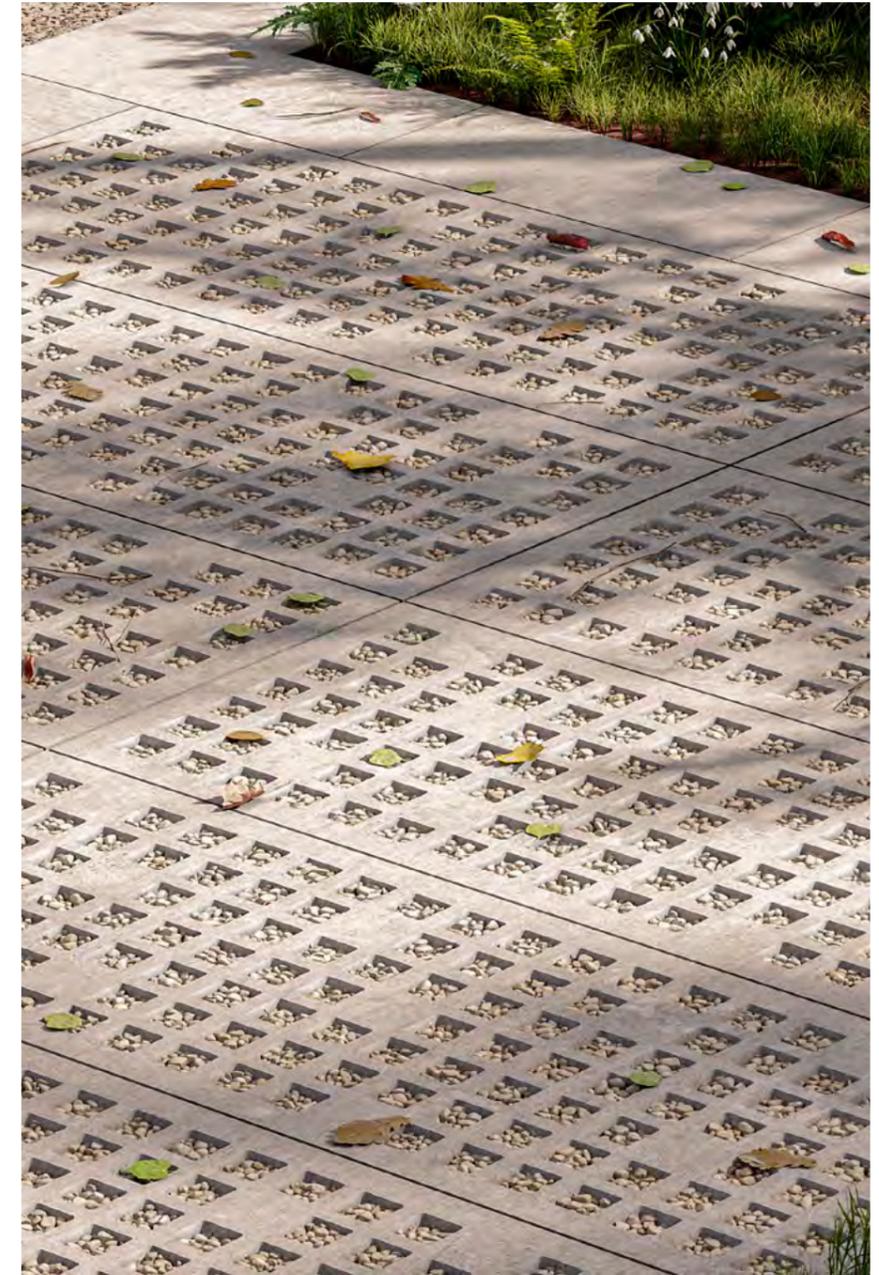
## COMBINATION OF B200 & FT200

B200	B200	FT200		B200	B200
		FT200			
B200		FT200	FT200	B200	
B200				B200	
B200	B200	FT200		B200	B200
		FT200			



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02

# INDUSTRIAL HALFTONE

## INSPIRATION

The Industrial Halftone pattern is derived from the Industrial Brutal pattern but has slightly smaller holes. The characteristic dots pattern incorporates a playful element into the austere industrial shape of the paver: perfect to add a touch of fun to a plain surface. This paver has been developed to bear heavy traffic and is therefore suitable for **industrial sites and infrastructure**.



# INDUSTRIAL HALFTONE

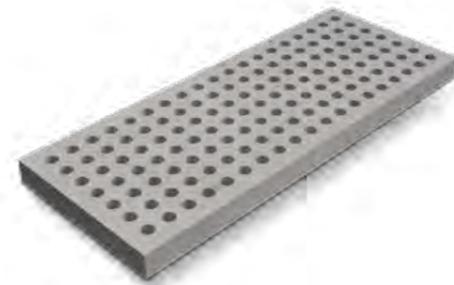
Add variety with this grass paver for an industrial, Minimalistic look.



HT250 INDUSTRIAL HALFTONE LARGE



HT200 INDUSTRIAL HALFTONE SMALL



HT250-ST INDUSTRIAL HALFTONE STANDARD LARGE



HT200-ST INDUSTRIAL HALFTONE STANDARD SMALL



FT250 INDUSTRIAL FULL LARGE



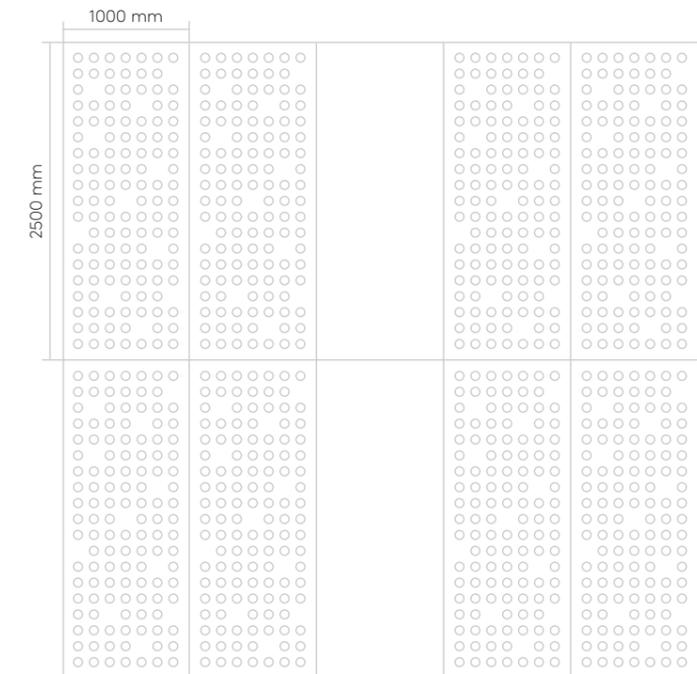
FT200 INDUSTRIAL FULL SMALL

## COLOUR

 URBAN GREY

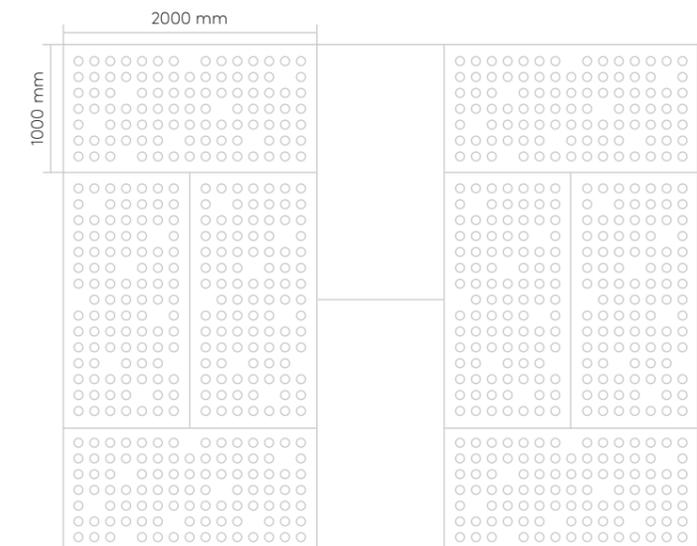
## COMBINATION OF TILES HT250 & FT250

HT250	HT250	FT250	HT250	HT250
HT250	HT250	FT250	HT250	HT250



## COMBINATION OF TILES HT200 & FT200

HT200		HT200
	FT200	
HT200	HT200	HT200
	FT200	
HT200		HT200



## DIGITAL LIBRARY

DOWNLOAD THE TILE DATASHEETS IN DWG AND STL FORMAT FROM OUR WEBSITE: [WWW.DEERCONCRETE.COM](http://WWW.DEERCONCRETE.COM)







# ADDITIONAL OPTIONS

As an architect, you choose the grass pavers based on the intended style of each unique project. Every customer is different, and every concept requires a different approach and interpretation. With our range consisting of **4 diverse patterns**, you have the option of first going into **a certain direction**, and then varying

it **according to your own creativity**. Our concrete elements also allow you to create space and integrate **trees or shrubs** into the pattern. The elaboration can therefore be completely à la carte. Your design does not need to sacrifice any freedom.



E1 GREENERY 2500 GRID



E2 GREENERY 1250 GRID



E3 FULL TILE GRID



SIGNALISATION TILE



# FILLING OPTIONS

Deer gives you the freedom to choose from a range of infill materials, allowing you to realise any project according to your vision. Whether you like a natural touch, a timeless texture or a contemporary look, our

grass pavers effortlessly adapt to your preferences. Choose a suitable infill material such as decorative gravel, clover or grass, and play with your design.



DECORATIVE PEBBLES



GRASS CLOVER



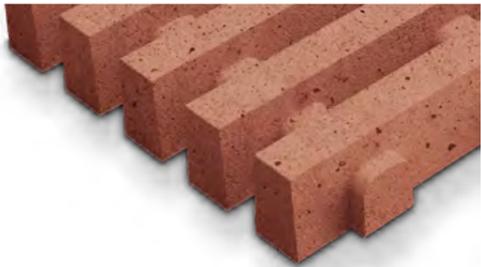
# COLOURS



URBAN GREY



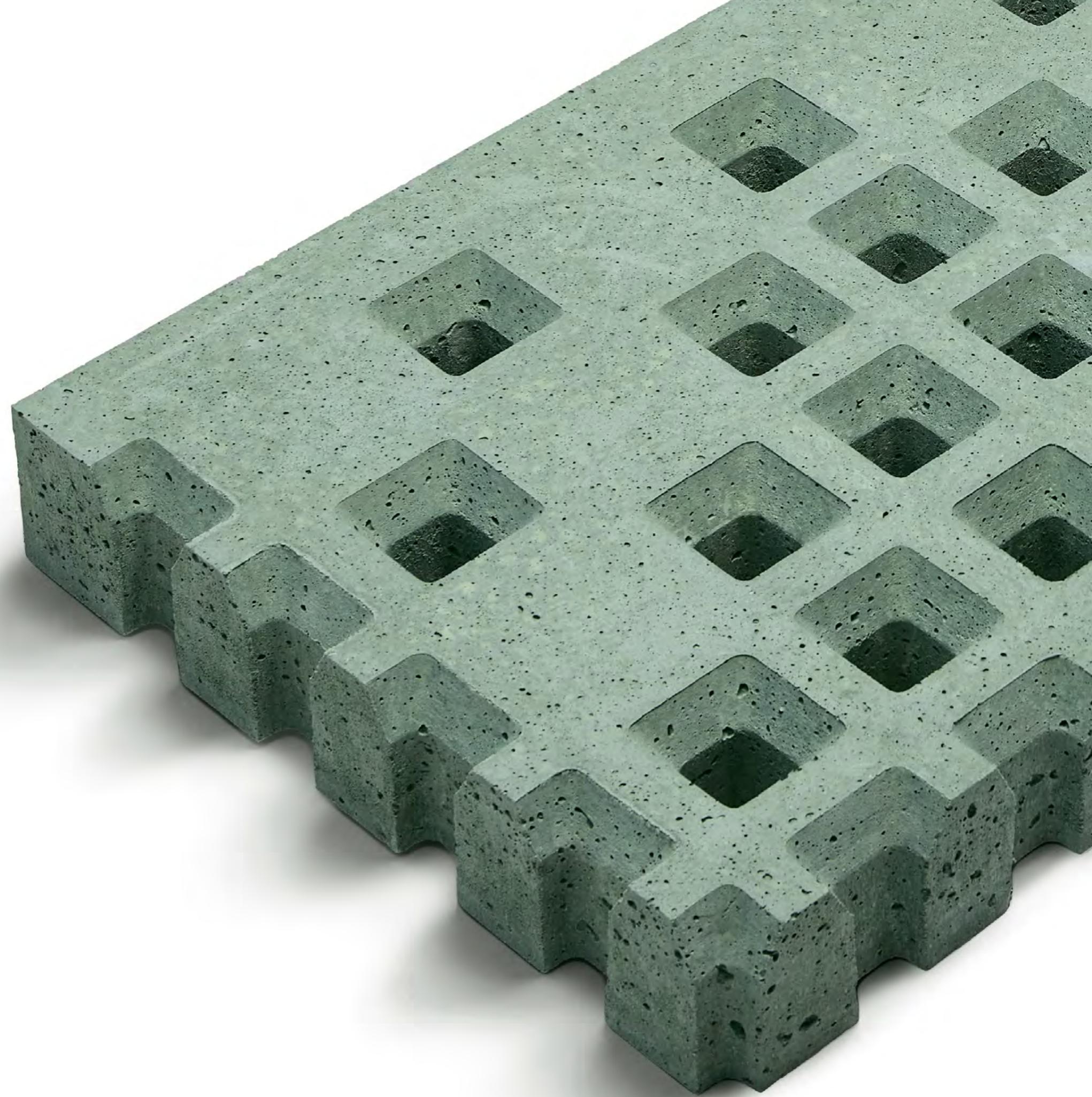
GREEN



TERRACOTTA



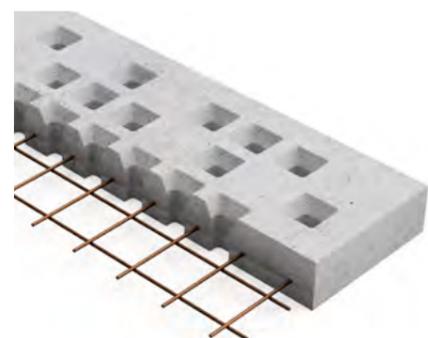
ANTHRACITE



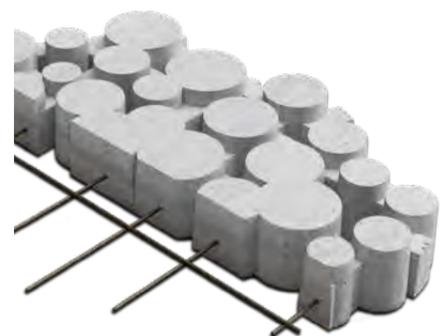
# DESIGNED TO LAST

Deer's grass pavers are distinguished by their **extraordinary, high quality** and are **designed to last**. The sophisticated construction and composition of the concrete elements guarantee not only exceptional quality but also a **long service life**. Cobefa's Deer grass pavers are 125 cm long, 62.5 cm wide and 12 cm thick

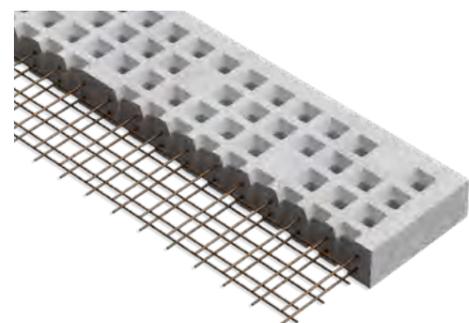
and are also **fully reinforced**. The combination of size and reinforcement distributes loads better over the foundation ensuring **they shift less quickly**. The grass pavers stand the test of time and take a step closer to a greener future, in which nature and infrastructure meet.



GRID



ORGANIC



INDUSTRIAL

# LOAD INFORMATION

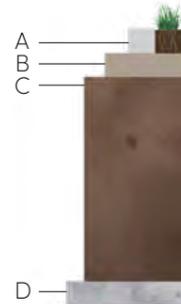
The resistance to traffic loads depends on the mechanical strength of the grass pavers, the strength of the underlying foundation and subsoil, and the care

taken during installation. According to the PTV-126 standard, the following load classes are defined for which our grass pavers can be applied.

Load class	Application (guiding)	Characteristic load with 2 supports (N/mm)
BC 1	Pedestrian zones	10
BC 2	Car parks for light vehicles	20
BC 3	More frequent light traffic	25
BC 4	Light traffic and occasional heavy traffic	30
BC 5	Limited heavy traffic	40
BC 6	Frequent heavy traffic	80



# GUIDELINES FOR FOUNDATION & SUBSOIL



## A | GRASS PAVERS (12 CM OR 14 CM THICKNESS)

### B | LAYING BED

Crushed sand 0/7 mm or laying bed substrate (suitable for grass growth)  
Crushed stone layer 2/5 or 2/7 mm (for water-permeable applications)

### C | FOUNDATION

BC 1: continuous crushed stone 0/20	thickness: 10
BC 2: continuous crushed stone 0/20	thickness: 15
BC 3: continuous crushed stone 0/20	thickness: 20
or continuous crushed stone 0/40 (type 1 according to SB 250)	
BC 4: continuous crushed stone 0/40 (type 1 according to SB 250)	thickness: 25
BC 5: continuous crushed stone 0/40 (type 1 according to SB 250)	thickness: 30
BC 6: continuous crushed stone 0/40 (type 1 according to SB 250)	thickness: 35



### D | SUBSOIL (OPTIONAL: GEOTEXTILE)

#### E1 | GRASS PAVER MIX

For maximum lifespan and optimum performance, grass pavers are best laid on a firm, well-structured base. Substrates are essential for this. The nutrient-rich soil beneath the grass pavers promotes germination and ensures sustainable growth of grass, clover, and other vegetation. With the right substrate and proper application, a high-quality end result is achieved.

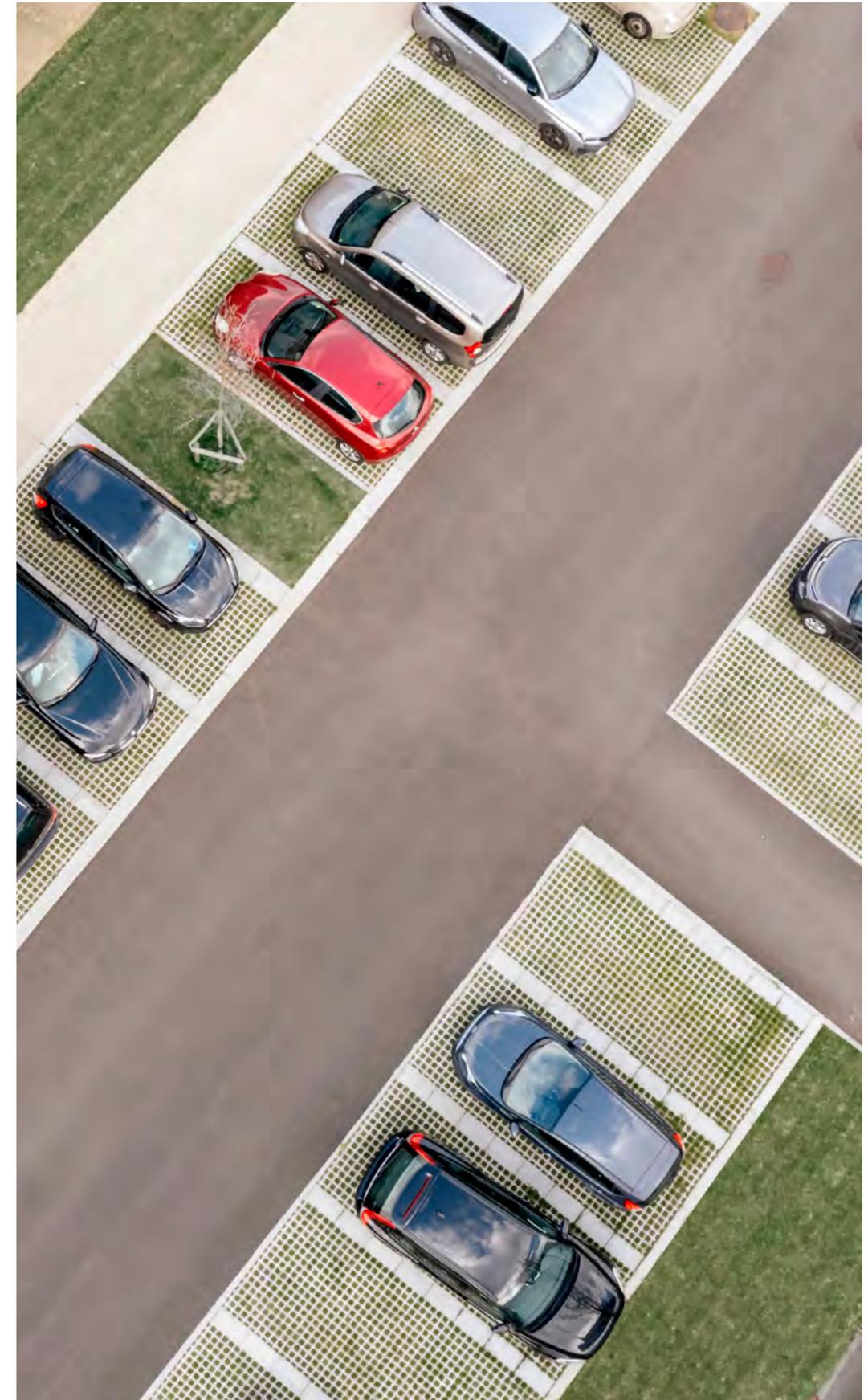


#### E2 | FILLER STONES

Fill the pavers with gravel of your choice. Preferably, use gravel with a limited grain size for optimal permeability, pedestrian comfort, and aesthetic appeal.

### STEP-BY-STEP PLAN

1. Excavate the soil to a sufficient depth to accommodate the foundation layer, bedding substrate, and concrete paver. Ensure that the entire existing soil layer is removed, then compact the base layer with a roller. Note: the fill material for your grass pavers must provide at least 25 cm of root space.
2. Apply a layer of foundation material and compact it thoroughly using a roller of at least 700 kg per linear meter. The thickness of the foundation layer depends on the load class and the expected load (e.g., BC 3 - light traffic = 20 cm, BC 6 - heavy traffic = 35 cm, etc.).
3. Then finish with a 3 to 5 cm layer of bedding substrate, rake it loose, and level the surface. Raking is necessary to ensure that the grass pavers settle properly into the bedding substrate.
4. After laying the grass pavers, you can fill the openings with a grass paver mix. Do not press it down, but ensure that any excess mix is evenly swept away so that no residue remains on the pavers. Rain will cause the mix to settle below the surface of the pavers, protecting the infill from vehicle traffic.



# DESIGNED TO LAST

## TECHNICAL SHEET GRID

### BRUTAL

Tile thickness 12 cm L: 1250 mm B: 625 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
B1 Brutal Standard	15,6%	31,2%	33,1	172
B2 Brutal Speckled	14,3%	28,6%	31,0	177
B3 Brutal Border Length	7,8%	15,7%	16,5	195
B4 Brutal Border Width	11,7%	23,4%	26,5	185
B5 Brutal Border Corner L	5,2%	10,4%	9,8	205
B6 Brutal Border Corner R	5,2%	10,4%	9,8	205
B7 Brutal Transition	10,4%	22,1%	25,2	190
B8 Brutal Transition Border Width 1	9,1%	16,9%	20,9	195
B9 Brutal Transition Border Width 2	9,1%	16,9%	20,9	195
B10 Brutal Transition Corner L	10,4%	20,8%	24,0	190
B11 Brutal Transition Corner R	10,4%	20,8%	24,0	190

 Strength class BC4 (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

### STRAIGHT

Tile thickness 12 cm L: 1250 mm B: 625 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
S1 Straight Standard	20,9%	45,5%	38,9	140
S2 Straight Border Length	10,4%	24,7%	20,2	180
S3 Straight Border Width	14,3%	33,8%	28,0	165
S4 Straight Border Corner L	6,5%	18,2%	14,7	195
S5 Straight Border Corner R	6,5%	18,2%	14,7	195

 Strength class BC4 (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

### HALFTONE

Tile thickness 12 cm L: 1250 mm B: 625 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
H1 Halftone Standard	20,8%	23,4%	34,7	173
H2 Halftone Speckled	19,5%	22,1%	32,5	177
H3 Halftone Border Length	10,4%	11,7%	17,3	195
H4 Halftone Border Width	15,6%	18,2%	27,8	185
H5 Halftone Border Corner L	7,8%	9,1%	10,3	205
H6 Halftone Border Corner R	7,8%	9,1%	10,3	205
H7 Halftone Transition	14,3%	16,9%	26,4	190
H8 Halftone Transition Border Width 1	11,7%	10,4%	21,9	195
H9 Halftone Transition Border Width 2	11,7%	10,4%	21,9	195
H10 Halftone Transition Corner L	14,3%	15,6%	25,2	190
H11 Halftone Transition Corner R	14,3%	15,6%	25,2	190

 Strength class BC4 (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

### BEACH

Tile thickness 12 cm L: 1250 mm B: 625 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
BE1 Beach Standard	13,0%	35,1%	27,4	170
BE2 Beach Border Length	7,8%	22,1%	17,5	190
BE3 Beach Border Width	7,8%	22,1%	17,3	190
BE4 Beach Border Corner L	5,2%	14,3%	10,6	200
BE5 Beach Border Corner R	5,2%	14,3%	10,6	200

 Strength class BC4 (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

### COBBLES

Tile thickness 12 cm L: 1250 mm B: 625 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
CO1 Cobbles Standard	14,3%	35,1%	27,7	170
CO2 Cobbles Border Length	7,8%	19,5%	16,1	192
CO3 Cobbles Border Width	10,4%	27,3%	21,2	183
CO4 Cobbles Border Corner L	6,5%	15,6%	12,2	199
CO5 Cobbles Border Corner R	6,5%	15,6%	12,2	199

 Strength class BC4 (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

### SIGNALISATION TILE

Item	L(cm)	W(cm)	H(cm)	kg
Sign: Disabled - Car - Bicycle	88	88	12	186
Sign frame	125	125	12	

DESIGNED TO LAST

# TECHNICAL SHEET ORGANIC

## LILY

S: Tile thickness 12 cm L: 714,7 mm B: 578,6 mm Surface: 0,3 m<sup>2</sup>  
L: Tile thickness 14 cm L: 1192,9 mm B: 956,8 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
LI-S Lily Small	13,8%	34,5%	28,2	64
LI-L Lily Large	13,9%	34,2%	43,5	207
FT-S Lily Full Tile Small	0	0	-	82
FT-L Lily Full Tile Large	0	0	-	261

 Strength class BC4 (Lily Small) (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

 Strength class BC5 (Lily large, Full Tile) (According to PTV-126):  
Suitable for light traffic, parking, occasional heavy traffic, fire roads, road widening

## STRAIGHT

S: Tile thickness 12 cm L: 714,7 mm B: 578,6 mm Surface: 0,3 m<sup>2</sup>  
L: Tile thickness 14 cm L: 1192,9 mm B: 956,8 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
ST-S Straight Small	13,8%	37,9%	30,0	63
ST-L Straight Large	16,5%	38,0%	34,2	200
FT-S Straight Full Tile Small	0	0	-	82
FT-L Straight Full Tile Large	0	0	-	261

 Strength class BC4 (Straight Small) (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

 Strength class BC5 (Straight Large, Full Tile) (According to PTV-126):  
Suitable for light traffic, parking, occasional heavy traffic, fire roads, road widening

## COBBLES

S: Tile thickness 12 cm L: 714,7 mm B: 578,6 mm Surface: 0,3 m<sup>2</sup>  
L: Tile thickness 14 cm L: 1192,9 mm B: 956,8 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
CO-S Cobbles Small	10,3%	31,0%	24,4	67
CO-L Cobbles Large	11,4%	31,7%	27,1	214
FT-CO-S Cobbles Full Tile Small	6,9%	13,8%	12,3	75
FT-CO-L Cobbles Full Tile Large	6,3%	11,4%	12,4	242

 Strength class BC4 (Cobbles Small) (According to PTV-126):  
Suitable for light traffic and occasional heavy traffic

 Strength class BC5 (Cobbles large, Full Tile) (According to PTV-126):  
Suitable for light traffic, parking, occasional heavy traffic, fire roads, road widening

## CROSSHATCH

S: Tile thickness 12 cm L: 742,0 mm B: 562,0 mm Surface: 0,3 m<sup>2</sup>  
L: Tile thickness 14 cm L: 1238,0 mm B: 940,0 mm Surface: 0,8 m<sup>2</sup>

Item	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	kg
CH-S Crosshatch Small	17,2%	27,6%	28,4	64
CH-L Crosshatch Large	20,2%	31,6%	49,8	195
CHFT-S Crosshatch Full Tile Small	0	0	-	84
CHFT-L Crosshatch Full Tile Large	0	0	-	263

 Strength class BC5 (According to PTV-126):  
Suitable for light traffic, parking, occasional heavy traffic, fire roads, road widening

DESIGNED TO LAST

# TECHNICAL SHEET INDUSTRIAL

## BRUTAL

S: Tile thickness 14 cm L: 2000 mm B: 1000 mm Surface: 2,0 m<sup>2</sup>  
L: Tile thickness 14 cm L: 2500 mm B: 1000 mm Surface: 2,5 m<sup>2</sup>

Artikel	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	Kg
B200 Brutal Speckled Small	13,0%	24,5%	58,4	556
B250 Brutal Speckled Large	12,8%	24,8%	73,4	695
B200-ST Brutal Standard Small	14,0%	26,5%	63,1	545
B250-ST Brutal Standard Large	14,0%	26,8%	80,0	680
FT200 Brutal Full Tile Small	0	0	-	672
FT250 Brutal Full Tile Large	0	0	-	840

 Strength class BC6 (According to PTV-126):  
Suitable for roadside protection, fire lanes, and heavy traffic

## HALFTONE

S: Tile thickness 14 cm L: 2000 mm B: 1000 mm Surface: 2,0 m<sup>2</sup>  
L: Tile thickness 14 cm L: 2500 mm B: 1000 mm Surface: 2,5 m<sup>2</sup>

Artikel	Permeability	Grass opening	Filling volume (l/m <sup>2</sup> )	Kg
HT200 Halftone Speckled Small	17,5%	19,5%	63,3	547
HT250 Halftone Speckled Large	17,2%	19,6%	79,6	684
HT200-ST Halftone Standard Small	17,5%	21,0%	68,5	537
HT250-ST Halftone Standard Large	17,2%	21,6%	86,8	670
FT200 Halftone Full Tile Small	0	0	-	672
FT250 Halftone Full Tile Large	0	0	-	840

 Strength class BC6 (According to PTV-126):  
Suitable for roadside protection, fire lanes, and heavy traffic

# INFILTRATION GUTTERS

This U gutter is suitable for buffering and infiltrating rainwater. Due to existing cables, pipes and high groundwater levels, there is sometimes a need for shallow infiltration solutions. Due to its friendly and shallow installation method, any paving can

be made more climate-proof with this infiltration gutter. The shallow installation depth has the added advantage of reducing installation costs. This gutter is also suited for line drainage.



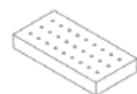
## TECHNICAL FACTSHEET

Item	L (cm)	W (cm)	UW (cm)	H (cm)	UH (cm)	Weight (kg)	Lifting system	Joint
10320/70-D	300	120	96	70	60	1530	4x2.5T	Tongue-in-groove
10320/130-D	300	120	100	130	120	2150	4x2.5T	Tongue-in-groove

Buffer capacity per running metre: **10320/70-D**: 0,550 m<sup>3</sup>

**10320/130-D**: 1,104 m<sup>3</sup>

## TECHNICAL FACTSHEET COVER PLATES



Perforated



Solid



With slots

Item	L (cm)	W (cm)	H (cm)	Weight (kg)	Axle load	Type
11130	100	30	5	37	4 T**	Solid
11140	100	40	9	80	5 T**	Perforated
11940	100	40	9	80	5 T**	With slots
11161	100	40	14	140	15 T***	Solid
11141	100	40	14	130	15 T***	Perforated
11941	100	40	14	130	15 T***	With slots
11150	100	50	9	85	5 T**	Perforated
11950	100	50	9	90	5 T**	With slots
11162	100	50	14	175	15 T***	Solid
11151	100	50	14	160	15 T***	Perforated
11951	100	50	14	136	15 T***	With slots
11700	100	90	14	308	15 T***	Solid
11900	100	90	14	270	15 T***	With slots
11090	100	90	14	270	15 T***	Perforated
11320	100	120	14	400	15 T***	Solid
11321	100	120	14	325	15 T***	With slots

# WE KNOW

As a **family business**, we had the opportunity to pass on our **knowledge and vision** from generation to generation. This has allowed us to grow over the years as an **international player in the market** of concrete products and **continuously expand our product range**. The production of grass pavers allows us to combine our **know-how** and **high-quality concrete** in a new

product with a **wide range of possibilities**. We are also active in the production of concrete for the **agricultural sector, public infrastructure works and landscaping**. Would you like to learn more about our other products? Feel free to visit **our website** for a complete overview.





THERE MUST BE A BETTER WAY  
TO MAKE THE THINGS WE  
WANT, A WAY THAT DOESN'T  
SPOIL THE SKY, OR THE RAIN OR  
THE LAND.

SIR JAMES PAUL MCCARTNEY

## CONCRETE FOR A GREENER WORLD

As an authority in concrete production for a wide range of applications, COBEFA carries out its daily activities with conscious concern for people, the environment and society, enabling us to minimise our impact on the environment. The water-permeable paving that we produce under the name Deer is just a part of that.

All our concrete is reinforced, ensuring our products a longer life. What's more, recycling is a standard part of our production process and our grass pavers are made from 100% recycled prefabricated concrete.

But we take things further than that: as an SME, we look at the bigger picture. Our catchment basin, which can hold 2 million litres of rainwater, means that we no longer use well water. We're also convinced that the future lies with solar and wind power. With a roof covered with solar panels and the imminent installation of two in-house wind turbines, we want to make green energy an essential component of our strategy. In addition, we're striving to minimise production waste and reduce our CO2 emissions as much as possible. Only with this corporate philosophy can we do business responsibly, taking care of the world around us.



100% REUSABLE



AVERAGE OF 15% PERMEABILITY  
OF DEER



6300 M2 SOLAR PANELS



50% CO NEUTRAL MATERIALS



100% USE OF RAINWATER  
IN PRODUCTION



45 TO 50 YEAR  
PRODUCT LIFE



10 M2 OF DEER =  
PLANTING OF 1 TREE



HYBRID ELECTRIC +  
CHARGING STATION



3000M2/ YEAR RECYCLING  
IN FOUNDATIONS



**NOA**  
outdoor living

FIND US IN THE INSPIRATION PARK OF NOA OUTDOOR LIVING

  
GOFORREST

WE SUPPORT GO FOREST



DISCOVER OUR FOREST IMPACT



**COBEFA BETON bvba**

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