

STREETLIFE®



TWIN

Extraordinary for Landscape Architects

[www.streetlife.nl](http://www.streetlife.nl)



# The TWIN Concept

Streetlife’s existing Collection uses seven wood sizes, mainly in FSC® hardwood species and recycled FSC hardwood. For Streetlife, the choice of FSC-certified hardwood is fundamental and undisputed. The FSC-system ensures that forests are maintained through responsible forest management. In addition, FSC-registered companies create economic value for the local population. Besides these benefits, FSC-certified hardwood has an excellent quality.

The TWIN concept introduces a number of new sustainable materials that will be used in Streetlife’s current products. In addition to current models in FSC hardwood or FSC recycled wood, each wood size will also be made from an alternative material. These materials consist of recycled raw materials sourced from different types of waste streams (agricultural plastic, textile fibres, household plastic waste, and so on) and are mostly recyclable themselves in the production chain. Although these new alternative materials can be a full-fledged alternative to FSC hardwood, products made from these alternative materials are perceived differently than those made from FSC hardwood.

The TWIN concept will give Streetlife’s product families a second identity and depth to its ‘natural style’ in an original way. At the same time, these alternative materials will increase the freedom of choice for (landscape-)architects. By using TWIN materials, designers can create and visualise the most circular design possible for an outdoor space.



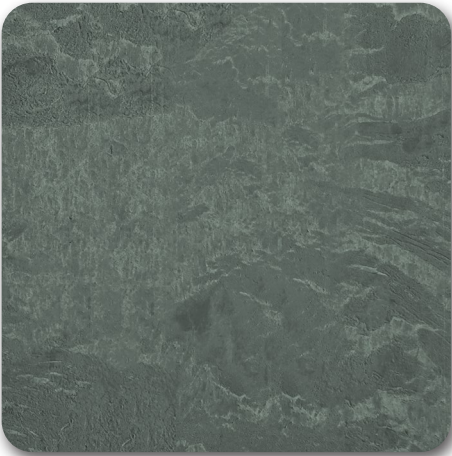
# The 4 new TWIN Materials



**LAVA GREY**  
in 30x30 cm & 14x21 cm  
Recycled post consumer plastics  
100% Recycled PE & PP



**ALL BLACK**  
in 7x15 cm  
Recycled industrial and agriculture plastics  
100% Recycled PE & PP



**CLOUDY GREY**  
in 7x7 cm  
Recycled post consumer plastics and textiles  
50% fragments of waste textiles & 50% LPDE



**BAMBOO BROWN**  
in 4x 4/8/16 cm & 4x5 cm  
Bio-based material  
90% Bamboo fibres (FSC 100%) & 10% glue





## DRIFTER RANGE



Of all the products in the Streetlife Collection, the Drifter Range has the largest wood size. Reused mooring posts with a thickness and width of approximately 30 cm form the basis of this product family. In a previous life, these mooring posts were part of waterworks and port constructions. The 30-40 year old tropical hardwood is certified as FSC Recycled 100%. Reusing mooring posts to create an entirely new product aligns well with the idea of the circular economy.

Dimensions in North America may vary due to local sources.



## DRIFTER RANGE in Lava Grey

The Lava Grey material gives new life to plastic, thereby generating added value for plastic waste streams. Lava Grey is made entirely from recycled household plastic waste. The material is comprised mainly of recycled PE and PP.

This new sustainable warm-grey material is maintenance-free and has a rough texture. Here and there, the surface reveals how the material flowed into the mould, like lava. Visible in the grey mass are pieces of coloured plastic, emphasising the origin of the recycled material. Lava Grey is 100% recyclable and can be put back into the Lava Grey production chain.





## HEAVY-HEAVY RANGE



The Heavy-Heavy Range uses beams with wood dimensions of 14x21 cm. The W-Wood® used is European FSC-certified pine that is highly preserved by deep impregnation with a wax composition.

The W-Wood® is comparable in terms of lifespan to hardwood but has a coarser structure with knots and other natural imperfections. This is characteristic of this type of wood. The material has a honey-brown colour that slowly (after many years) changes to a grayer tone.



## HEAVY-HEAVY RANGE in Lava Grey



In addition to the Drifter Range, Lava Gray is also used in the Heavy-Heavy Range. The composition of the material and the production process of both is identical, consisting of household plastic waste from recycled PE (75%) and PP (25%).

However, the difference in mass between a Heavy-Heavy beam and a Drifter beam results in a different surface structure. The Drifter has a coarser surface, while a Heavy-Heavy beam is practically smooth. In the gray matter, fewer pieces of plastic are visible and the colour is more even. Lava Grey can be 100% recycled and returned to the production chain.





## ROUGH&READY RANGE

Rough&Ready (R&R) is a unique product family in the Streetlife Collection. R&R products have a minimalistic design and as featured in all product categories offered by Streetlife – from street furniture and tree products to bridges. Because of the modular wood size of 7x15 cm, there is an elegant coherence between the different R&R products. The Rough&Ready Range has a sturdy and robust appearance.

The Rough&Ready Range is made from FSC hardwood, a material that does not require any treatment afterwards and is therefore very low-maintenance. FSC-certified hardwood has an excellent quality and a long lifespan because it can withstand weather influences and the demanding conditions of the public space. Hardwood ages gradually and takes on elegant grey tones when exposed to sunlight.



## ROUGH&READY RANGE in All Black

The All Black material consists of recycled plastics from the industry and separately collected household plastic waste. The recyclimate made from these residual streams is black in color.

This durable black material is maintenance-free and has a rough texture. Ink and paint cannot penetrate the material and hardly adhere to the surface. All Black beams remain black in colour in the open air due to the use of UV stabilization, but after a long time it can lightly turn into anthracite. As a result of the production process, air inclusions cannot be avoided at the ends of the beam.





Solid Sheriff Chaise Longue FSC Hardwood

## SOLID SERIES



The Solid Series, Streetlife's most comprehensive product family, features a wide range of products from benches to bike stands and urban stages to bridges. FSC hardwood Solid slats measuring 7x7 cm lend an aesthetic coherence to the different products in this range.

All products in the Solid Series have a slim but solid appearance. Architects and landscape designers have a lot of creative freedom thanks to the diversity of the products in the Solid Series.

## SOLID SERIES in Cloudy Grey



Possibly an even greater environmental issue than the growing plastic waste mountain is the textile waste mountain. Cloudy Grey recycles these materials so that they can be put to use again.

The Cloudy Grey material consists of 50% recycled LDPE plastics combined with 50% recycled textile fibres; these are textile remnants and scraps that would otherwise be incinerated. This sustainable cold-grey material is maintenance-free and has a smooth texture. Fibres of coloured clothing and visible residues from the other waste streams incorporated in the material add to the lively grey-marbled appearance, giving this material a truly unique look and feel.

The Cloudy Grey material is 100% recyclable and can be put back into the Cloudy Grey production chain. Paint and ink barely penetrate the material and do not easily adhere to it. Because of the production process, air inclusions in the cross-cut ends cannot be avoided.

Colour and texture may differ in North America due to local production.



Solid Staple Cloudy Grey





Cliffhanger



The New Standard



Highlife III

## FINE BENCHES



The Fine benches consist of the Olympic Wave and Cliffhanger, The New Standard, WoodTop, Long&Lean and the Highlife III Range.

**Olympic Wave** and **Cliffhanger** park benches are two different product families with a refined and sleek appearance. Both are characterised by the narrowly spaced, FSC 100% Hardwood polychrome red-brown slats of approx. 5x5 cm.

**The New Standard**, **WoodTop System** and **Long&Lean** series are three different product families, each with their own distinctive style. Despite the differences between the series, these product families can be recognised by the hardwood polychrome reddish-brown basic slats of 3.5x5.7 cm with wide spacing.

**Highlife III** is a versatile product family with benches, top seats, picnic sets and tree planters. The Highlife III pattern lends a contemporary and graphic character to new seating solutions and tree tubs. The alternating slatted pattern is made up of polychrome red-brown hardwood slats that are 4 cm thick and come in 3 widths: 4/8/16 cm with narrow spacing.



Highlife III Bamboo Brown



The New Standard Bamboo Brown

## FINE BENCHES in Bamboo Brown



**Bamboo Brown** is made from the stems of an extremely fast-growing giant bamboo species. Because of the bamboo's rapid growth rate, adult 4-5 year old stems can be harvested every year. Bamboo is known for its high capacity to absorb CO<sub>2</sub> and release oxygen. The stems are sourced from plantations and forests that are managed sustainably. In addition, Bamboo Brown is FSC-certified.

The highly durable brown material has a solid but fibrous appearance and because it is a natural product, the colour and structure of the surface varies. Bamboo Brown ages when exposed to the outside air and sunlight. When you look at the entire life cycle of Bamboo Brown, it is CO<sub>2</sub>-neutral.

Bamboo Brown is a natural material and therefore does not contribute to the waste problem. At the end of its lifespan (+20 years), Bamboo Brown can be fuel for the production of bio-energy.





Streetlife Design team

# SUSTAINABLE COLLECTION

Sustainability is central to the design of our Collection. For example, we work with simple modular building blocks with a long lifespan and we opt for honest, responsible materials with an eye for the impact on the environment. Our design team develops ingenious solutions to extend the service life, recyclability and the retention of materials and raw materials in the chain are starting points that are increasingly emphasised. All these design choices make an important contribution to the quality and sustainability of our products.

Worldwide awareness of increasing waste streams, environmental pollution, rising CO<sub>2</sub> emissions and the depletion of natural resources have led to the development of new ideas about sustainability, such as Cradle2Cradle (C2C) and the Circular Economy. Both theories aim for efficient and effective use of available (natural) resources. Streetlife's design philosophy has many similarities with this philosophy.

Innovations in the field of sustainable materials, such as recyclates and biobased materials, offer interesting possibilities to make the Streetlife Collection more sustainable. After years of experience and research, the TWIN Concept is introduced, a series of materials that are a fully-fledged alternative to FSC hardwood.

Streetlife is happy to take up the challenge every day with issues relating to sustainability and circularity. While maintaining its distinctive design and functionality, Streetlife wants to be an inspiration in the field of circular products in public spaces.

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Materials may differ in North America in terms of color, texture and/or dimensions due to local sources or production.



## CONTACT

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**STREETLIFE BV**

*Head Office*  
Herengracht 36  
2312 LD Leiden  
The Netherlands

T +31 (0)71 333 33 33  
E [streetlife@streetlife.nl](mailto:streetlife@streetlife.nl)

[www.streetlife.nl](http://www.streetlife.nl)

**STREETLIFE America LLC**

Philadelphia, PA  
T +1 215 247 0148  
E [streetlife@streetlifeamerica.com](mailto:streetlife@streetlifeamerica.com)

**STREETLIFE Studio Scandinavia**

Malmö, Sweden  
T +46 (0)41 677 50 53  
E [studioscandinavia@streetlife.nl](mailto:studioscandinavia@streetlife.nl)

**STREETLIFE Middle East**

by WT Burden, Dubai, UAE | Doha, Qatar  
T +971 (0)4 88 607 00  
E [streetfurniture@wtburden.ae](mailto:streetfurniture@wtburden.ae)

**STREETLIFE United Kingdom**

T +44 (0)20 30 20 1509  
E [enquiriesUK@streetlife.nl](mailto:enquiriesUK@streetlife.nl)

**STREETLIFE Deutschland**

T +49 (0)211 781 72 51 12 48  
E [Auskunft@streetlife.nl](mailto:Auskunft@streetlife.nl)

**STREETLIFE France**

T +33 (0) 1 83 71 01 71  
E [demandes@streetlife.nl](mailto:demandes@streetlife.nl)

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