Streetlife Collection 2014-2015

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The Outdoor Concept

Streetlife speaks the language of landscape architects and spatial planners. We supply the building elements for landscape or urban plans. We consider it a privilege to be able to work with leading architects and cities, and, of course, to contribute towards the realisation of high-quality public spaces.

Now you can select and order products from our new Collection 2014-2015. It is also possible to capitalize on our expertise by commissioning Streetlife to design your urban development project. Our newly founded design lab Bee Public for talented young designers can provide design & consultancy services at very affordable rates.

Our organization is not only compact and efficient, but also supremely skilled in its sector, while devoting great attention to the wishes of the customer. Particularly nowadays, success depends on knowledge and quality. Streetlife is a partner for products that you can lean on. We can communicate in English, but also in Dutch, French, German, Spanish and Swedish. We eagerly await your response.

Peter Krouwel
Designer & Director of Streetlife

Streetlife has an in-house design and engineering team led by Peter Krouwel. The innovative designs have received several design awards: Good Industrial Design, Nomination for The Dutch Design Prize, Nomination for The German Design Prize.

Peter Krouwel was a partner of nk design office for 25 years and, as such, responsible for the new-style post boxes (TNT) and the national signposting of the ANWB Motorists’ Association, among other prize-winning designs. He was also a member of the Academic Council of the Design Academy Eindhoven for five years.
Streetlife Collection 2014-2015

A - Street Furniture
• Benches & Seating Platforms
• Tables & Info Products
• Bicycle Parking, Bollards, Pillars & Fencing

B - Tree Products
• Tree Planters
• Green Benches
• Tree Islands
• Tree Grills & Tree Guards

C - Bridges & Decking
• Bridges
• Decking: Streetdeck®40
  Truedeck®40
  Solideck®70
  Artdeck®

New Bridges & Deckings

Zen CorTen Bridge, 32C
Bowie Bridge, 15C
Colour Crossline Bridge, 18C
Shortline ZigZag Natural Bridge, 45C
Solo CorTen Bridge, 35C
Milliped Bridge, 26C
Swinging Shades Bridge, 21C
Country Bridge High, 31C
Truedeck®40, 64C

Immediately after the publication of this brochure, Collection 2014-2015, the validity of all information from previous Streetlife publications will expire.

In view of the variations in material prices, we advise you always to request a quote including prices and delivery times.
The product measurements shown along with the images are always in centimetres: 234 x 59 x 72.5 cm = length x width x height
In the English issues we show rounded off inches or feet as well.
Right down to the smallest details, each Streetlife design is oriented to quality and sustainability. Streetlife reserves the right to modify dimensions, specifications and prices. Due to variations in printing techniques used, colour samples printed in this brochure may differ from actual colours.
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Partner in Brugge (BE)
Partner in Essen (DE)

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In the Bridge Process, Streetlife makes use of a six-step plan: from idea to realization. The diagram shows how Streetlife can assist you by providing the appropriate information at each stage of your layout plan.

Short delivery times are possible, average 12-14 weeks after approval of the drawings by the client. Our bridges are delivered almost entirely in prefab state, so that installation usually requires only one day. Experience has indicated that the delivery time depends more on the decision-making process than it does on the actual manufacturing process.

The Poelzone Bridge is a concept bridge that was developed during a multi-design assignment for a nature zone in the Westland region (NL). Streetlife created a bridge with an asymmetrical profile: one side with a bridge fence, the other side with a natural edge of greenery and horizontal cable fence.

Our strengths:
• In-house design, engineering, manufacturing and placement.
• Drawings, images and static calculations for planning permission purposes.
• Use of sustainable materials, e.g. wood composite decking, CorTen steel and/or glass-fibre reinforced composites.
• Bold, contemporary architectural design.
• Expertise in and experience with sustainability-related issues, Lifecycle Analyses and materials for outdoor usage.
• No upfront design costs for clients. Except for standalone design/presentation orders.
• Clear and effective communications using three-dimensional CAD drawings for accelerating decision-making processes.

Streetlife designs and develops durable pedestrian and bicycle bridges. It is possible to produce distinctively designed and contemporary bridges for assembly in virtually any location and in a very short space of time.

You can even select and construct your own Streetlife bridge using this brochure.

We can also create custom-designed bridges for unusual locations if design and delivery budgets are available for this purpose. Such design projects may also form part of a design & deliver contract.
In close cooperation with the local municipality, Streetlife placed a CorTen Crossline Bridge at a location on the outskirts of Bruges in Belgium, where it blends beautifully with its natural surroundings. The design and manufacturing of CorTen structures is one of Streetlife’s specialties. Within a short period of only eight weeks, the bridge was designed, engineered, manufactured and installed.

Partner in Helmond (NL)

Due to our expertise in mobile greenery and bridges, the Municipality of Helmond commissioned Streetlife to redesign the 50-year old ‘De Kasteel Traverse’ traffic viaduct. An asymmetrical profile was created on the existing ground level, affording more space for pedestrians. The lamp posts, synthetic tree planters, Big Art Benches and the ribbon-shaped fencing were installed in 2010. The project was executed in partnership with the Municipality and the Spanish urban planner Joan Busquets.

Partner in Bruges (BE)
Essen – representing the Ruhr – was the European Capital of Culture in 2010. Streetlife constructed four bridges in the Univeriert Essen in partnership with Scape Landschaftsarchitekten GmbH. These level bridges incorporate three-dimensionally curved concrete abutments that blend perfectly with their zigzag fence. The entire structure was constructed in compliance with DIN standards. Artdeck® grids with ochre-coloured rubber granule fill form an aesthetic whole with the park’s graphic and geometric design.
The Bowie Bridge was inspired by the David Bowie song ‘Wild is the Wind’. The continuous fencing system of criss-crossed balusters, uninterrupted by posts, creates a fascinating image. The round, stainless steel balusters have varying diameters (max. 30 mm), which results in a particularly stiff, strong fence. The Bowie Bridge is also available in CorTen steel fitted with solid rectangular balusters. A large, rounded FSC hardwood handrail frames the fence and exudes a warm feel for those crossing the bridge.

If desired, the baluster pattern can be made denser in order to meet the most stringent safety standards. The Bowie Bridge is available in a slightly arched or flat version. The bridge’s maximum, uniformly distributed load-bearing capacity is 5 KN/m².

Delivery time: 16-20 weeks after order placement and approval of drawings.

The continuous fence of the Bowie Bridge creates a fascinating image. The round, stainless steel, criss-crossed balusters have varying diameters, resulting in a particularly strong, stiff fence. The large wooden handrail gives the fence a distinct framing.
This stunning CorTen Crossline Bridge can be found at 't Nieuwelant Park in Vlaardingen (NL). The robust CorTen fences with criss-crossed balusters blend in harmoniously with the row of multi-stemmed trees!

Level CorTen steel Crossline bridges are available with wooden handrails in lengths ranging from 6 to 12 m in 1 m increments. The width is standard 2 or 3 metres. Streetdeck® 40 is the preferred deck material. Their maximum uniformly distributed load-bearing capacity is 5 kN/m². The bridge’s structure is made from durable CorTen steel that forms a characteristic protective rust layer and creates a warm look & feel. Various options exist for CorTen steel fences, e.g. criss-cross or horizontal stainless steel cables. The balusters are also available in a RAL coating. Robust CorTen steel fences (14×14 cm) are capped with FSC hardwood handrails. Spots can be incorporated into the underside, in a mono or varying colour. This solution means that the deck is subtly illuminated while passers-by are not blinded. Delivery time 16-20 weeks after the commission and approval from the client.

Design: Streetlife
Protected by int. Model Depots and Patentts
Fence module with stainless steel cables
Fence module with Criss-cross balusters
The Colour Crossline Bridges are available in every RAL colour. In these bridges, the hardwood frame is absent. The steel is first double powder-coated then the stainless steel, criss-crossed balusters or stainless steel cables are mounted separately. Delivery time: 16-20 weeks after order placement and approval of drawings.

The fencing modules of the CorTen Crossline Bridges are available with various inserts. The bridge depicted below, with horizontal stainless steel cables, creates a clean, transparent image. The underside of the CorTen fencing modules can be delivered LED-ready. Optionally incorporated LED fittings are practically invisible and subtly illuminate the bridge deck and fence: an attractive solution, in terms of both light technology and aesthetics. Delivery time: 16-20 weeks after order placement and approval of drawings.
The **Full CorTen Bridge** is an extremely durable bridge with a sturdy, industrial look & feel. Both fences form an integral part of the bridge’s structure in the form of load bearing girders. This allows larger distances to be spanned up to approximately 20 m. Its fences are capped with FSC hardwood handrails. Internal gutters drain rainwater longitudinally to each end of the bridge.

*Life expectancy: approx. 50 years.*

*Delivery time: approx. 16-20 working weeks after order placement and client approval.*

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**Swinging Shades Bridge** is characterised by a continuous fencing system of vertical CorTen slats, which creates a slightly undulating, three-dimensional effect. The unusual slats structure is framed by a large hardwood railing. This flat bridge can be equipped with a range of decking materials. The maximum span is 16 metres.

*Delivery time: 16-20 weeks after order placement and approval of drawings.*
The Treetec® Vertical System can be developed with exchangeable coffers with specially selected plants. A concealed gutter caters for adequate irrigation. Internal partitions ensure even water distribution to each cassette. Excess water is drained via holes in their base and an additional drainage gutter, so that liquid from the coffers does not enter the surface water. The coffers can be exchanged or removed from the bridge deck side.

The coffers include sufficient substrate and can be exchanged or removed from the bridge deck side due to a smart plug system. This system was was developed in collaboration with Huib Sneep.

The Urban Green Bridge is a combination of Coffen fencing and exchangeable coffers with vertical greenery, which together form the fence’s balusters. A hardwood handrail has been fitted to the top edge of the fence. The bridge’s intriguing design is both contemporary and urban, yet retains a natural look & feel. The exchangeable coffers include ample substrate and fitted with the Treetec® Vertical care system. The water supply is concealed on both sides below the continuous wood handrail.

Delivery time: 16-20 weeks after the commission and approval from the client.

Urban Green Bridges 6-12 m

Sizes
L = 6 to 12 m, W = 2 or 3 m
L = 20 to 39 ft, W = 7 or 10 ft

Arching
Flat

Fence
Urban Green Cassettes in Coffen

Decking
Various decking materials

Norm bridge
Eurocode + nat annex

Norm fence
NPi CEN/TC 1517-4-2012

Protected by int. Model Depots & Patents

Design: Streetlife
The \textit{Brown Bridges in Composite} are available in lengths of 6 to 12 metres and widths of 2 or 3 metres. This thickness of the monocoque support is 62 cm. The smooth sides with flowing lines allow for a slender bridge. The bridges can be supplied in an RAL colour, to be specified by the client, or with natural fibres for a natural look and feel. The design is based on the standard loads for pedestrian and cycling bridges: 5 kN/m² and a stamp load of 7kN. The arching is in accordance with the accessibility norms. Delivery time 16-20 weeks after the commission and approval from the client.

\begin{tabular}{|l|}
\hline
\textbf{Sizes} & L = 6 to 12 m, W = 2 or 3 m - L \text{ in} 10/20 ft, W \text{ in} 7 or 10 ft \\
\hline
\textbf{Finishing} & Flat or Arched \\
\hline
\textbf{Fence} & CorTen House \\
\hline
\textbf{Decking} & Composite deck construction with gravel (grain 3-4 mm) \\
\hline
\textbf{Brown Bridge} & Norm bridge \\
\hline
\textbf{Barn Fence} & NPR-CEN/TR 1317-6:2012 \\
\hline
\end{tabular}

\textbf{CorTen Fence}

To complement the natural brownish look of the Brown Bridge, we recommend a CorTen steel fence combined with brown-red coloured gravel grains for the integral deck. Opting for a different colour is certainly possible. This standardised fence comprises CorTen single balusters with CorTen mesh. Optionally, the fence height can be raised as an extra safety precaution in the event of intersecting roads.

\textbf{Integral Bridge Deck}

The striking sides of the bridge support allow for a slender design. The monocoque, load-bearing structure has an integral composite deck, which is gritted with gravel. The upper surface of the monocoque serves as the deck, making separate decking components unnecessary. The lifespan is much longer than with traditional gritted decks, as expansion differences are absent.
These magnificent bridges are best suited for spanning larger distances, which shows them to their full advantage. Milliped Bridges have a support every 12 metres (which can be designed according to the client's wishes). The width is a standard two or three metres. The maximum uniformly distributed load-bearing capacity is five kN/m².

The angled, wooden posts are made of partly laminated Nordic pine wood. Untreated or preserved in consultation. The foundation can be steel or concrete piles, depending on ground tests. Made of hot-dip, galvanized steel in accordance with NEN-EN-ISO 1461:1999 NL.

Life expectancy: 50 years. Delivery time: 14-16 weeks after order placement and approval of drawings.
Butterfly Bridges are 12 to 24 metres in length with a maximum span of approx. 18 m. The width is standard 2 or 3 m (4, 5 and 6 m are optional due to the application of a double butterfly support, nested or mirrored).

The bridge can carry an even load of max. 5 kN/m². The arching of the bridge can be determined in consultation, in accordance with accessibility norms. The butterfly-shaped supports afford the bridge a distinct, contemporary image.

The foundation is on concrete piles with auxiliary supports, depending on ground tests.

Made of steel thermogalvanized according to NEN-EN-ISO 1461: 1999 NL.

This 24-metre-long Butterfly Bridge in Osdorp (NL) has two twisted butterfly supports, which overhang at one bank.

The bridge deck comprises Artdeck® grids finished in two colours, allowing for extra noise reduction.
Inline Bridges are available from 12 metres in length upward, with intervals of 1.2 m. These long bridges have a support every 12 metres, which can be designed according to the client’s wishes. The width is standard 2 or 3 m (with 4, 5 and 6 m as options). The bridge can carry an even load of max. 5 kN/m². The arching in the bridge deck is in accordance with accessibility norms. The foundation will be on steel or concrete piles, depending on ground tests. Made of thermogalvanized steel, in accordance with NEN-EN-ISO 1461:1999 NL.

Expected lifespan: approx. 50 years.

**Inline Bridges**

- **Sizes**
  - L = 12 to 36 m, W = 2 or 3 m
  - L = 39 to 118 ft, W = 7 or 10 ft

- **Arching**
  - Arched

- **Decking**
  - Various decking materials

- **Norm bridge**
  - Eurocode + nat annex

- **Norm fence**
  - NPR-CEN/TR 1317-6:2012

Inline bridges have one of two types of substructure:

- A steel section load-bearing member with Streetdeck®40 (or other decking) and various types of fences.
- A steel tubing load-bearing member with Artdeck®40 or other decking. Various types of fences. The beautifully designed tubular support can also be arched to a limited extent (minimum radius, 100 m).

This 30-metre-plus long striking Inline Bridge has been placed in a new residential area in Sneek (NL). The two supports have been installed from the bank. The many boats that pass under the bridge were accounted for by designing a spacious passage.

**Inline Bridges 12-36 m**

Design: Streetlife

Protected by int. Model Depots and Patents.
The Zen CorTen Bridge is fully constructed from thick-walled CorTen steel plate. Long bridges are additionally reinforced on the underside with CorTen construction elements. The low fences are capped with FSC 100% hardwood. The projecting ends have been rounded off considerably and create a striking appearance.

Zen CorTen Bridges are small pedestrian bridges with a short span of up to eight metres. The whole load-bearing, decking structure is constructed from a single, thick-walled CorTen steel plate up to 200 cm wide and 800 cm long. The low fence combines simplicity with a certain Japanese style. The CorTen steel railing is capped with hardwood, and the projecting ends have been rounded off substantially. After several years, the horizontal CorTen plate will colour dark brown.

Life expectancy: approximately 40 years.

Delivery time: approximately 10-12 weeks after order placement and approval of drawings.
The Solo CorTen Bridge is contemporary and expressive. Solo CorTen Bridges are little pedestrian bridges that can be delivered both flat and slightly arched. The whole load-bearing, decking structure is constructed from a single, thick-walled CorTen steel plate up to 200 cm wide and 800 cm long. The vertical hardwood posts are 70x70 mm, creating a bridge fence with a distinctly graphic character. The posts are mounted invisibly and remain adjustable after installation.

Life expectancy: approximately 40 years.

Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

<table>
<thead>
<tr>
<th>Sizes</th>
<th>L = 4 to 8 m, W = 2 m</th>
<th>L = 13 to 26 m, W = 7 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arching</td>
<td>Flat or Arched</td>
<td>Flat or Arched</td>
</tr>
<tr>
<td>Fence</td>
<td>Solo fence with solid slats</td>
<td>Solo fence with solid slats</td>
</tr>
<tr>
<td>Decking</td>
<td>CorTen Bridges</td>
<td>CorTen Bridges</td>
</tr>
<tr>
<td>Handrail</td>
<td>Stainless steel handrail on the inside (Ø48 mm)</td>
<td>Stainless steel handrail on the inside (Ø48 mm)</td>
</tr>
<tr>
<td>Life expectancy</td>
<td>approximately 40 years</td>
<td>approximately 40 years</td>
</tr>
<tr>
<td>Delivery time</td>
<td>approximately 10-12 weeks after order placement and approval of drawings</td>
<td>approximately 10-12 weeks after order placement and approval of drawings</td>
</tr>
</tbody>
</table>
The Shortline Single CorTen Bridge is equipped with the Single CorTen fence, which affords an extra-wide look and feel and improves accessibility. The CorTen balusters have a height of 110 cm and are complemented by a rounded hardwood or stainless steel handrail. The fence is installed with continuous stainless steel cables or partly with CorTen mesh panels in order to meet international safety standards for fencing. These fences are regarded as being particularly difficult to climb over. The bridge is finished with beautifully curved CorTen panels along the load-bearing structure.

These CorTen Shortline Bridges can bridge a maximum span of 16 metres. The width is a standard two or three metres. Maximum uniformly distributed load-bearing capacity of five kN/m².

A durable bridge with a life expectancy of approximately 50 years. Delivery time 12-14 weeks after order placement and approval of drawings.
### Shortline Double CorTen Bridge 6-16 m

The Double CorTen fences create a distinctive design with an extra wide look & feel. It is a spacious-looking system that is difficult to climb over. CorTen steel balusters are precision laser-cut and can be fitted with round hardwood handrails or stainless steel tubing. Continuous stainless steel cables with tensioners add the finishing touch to the Double CorTen fence. Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

### Shortline Bold Bridge 6-16 m

The Bold fences incorporate rugged, simply designed balusters. They are hot-dip galvanized and double powder-coated in anthracite grey (RAL 7020). A solid, oval-placed hardwood handrail adds the final touch to this architecturally designed fence. A solid stainless steel tube handrail (ø11 cm) is an attractive alternative. Horizontal stainless steel cables with tensioners add the finishing touch to the fence. Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

<table>
<thead>
<tr>
<th>Shortline Double CorTen Bridges</th>
<th>Shortline Bold Bridge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sizes</strong></td>
<td>L = 6 to 16 m, W = 2 or 3 m</td>
</tr>
<tr>
<td><strong>Arching</strong></td>
<td>Flat or Arched</td>
</tr>
<tr>
<td><strong>Fence</strong></td>
<td>Double CorTen fence</td>
</tr>
<tr>
<td><strong>Decking</strong></td>
<td>Various decking materials</td>
</tr>
<tr>
<td><strong>Norm bridge</strong></td>
<td>Eurocode + nat annex</td>
</tr>
<tr>
<td><strong>Norm fence</strong></td>
<td>NPR-CEN/TR 1317-6:2012</td>
</tr>
</tbody>
</table>
The steel balusters of the Shortline Standard Bridge are installed with stainless steel cables and tensioners. These laser-cut balusters slant slightly inwards and measure 110 cm in height. Available in both CorTen steel or hot-dip galvanized steel. The handrail is made from stainless steel. Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

This sleekly designed Shortline Standard Bridge provides access to a care facility in Helmond (NL). The bridge deck with camel-coloured Artdeko® grids is noise dampening and has unfilled side strips.
The Nautic fence consist of curved, galvanized steel or CorTen steel balusters with various continuous stainless steel cables and tensioners. Their curved design and height (110 cm) make these fences particularly difficult to climb over. Children would have to be able to counter their own weight in order to climb these fences. Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

<table>
<thead>
<tr>
<th>Shortline Nautic Bridges 6-16 m</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sizes</strong></td>
</tr>
<tr>
<td><strong>Arching</strong></td>
</tr>
<tr>
<td><strong>Fence</strong></td>
</tr>
<tr>
<td><strong>Decking</strong></td>
</tr>
<tr>
<td><strong>Norms</strong></td>
</tr>
<tr>
<td><strong>Design</strong></td>
</tr>
</tbody>
</table>
The Basic fence is the simplest of Streetlife’s fences incorporating plain, straight balusters and horizontal stainless steel cables. Balusters are available in CorTen steel or thermo-galvanized steel, and measure 110 cm in height. Basic fences are ideally suited for use in combination with overhanging bridge decks, e.g. the Solideck®70.

Delivery time: approximately 10-12 weeks after order placement and approval of drawings.

The Shortline Bridge with ZigZag Natural Fence has a contemporary appearance. The fence’s balusters run from the tubular handrail down to the large-sized down tube. The balusters have been mounted to the down tube in an alternating pattern, resulting in the subtle 3D-ZigZag effect with a ragged edge at the bottom. The fence is closed and difficult to climb over, thereby meeting most international safety standards.

A durable bridge made of hot-dip, galvanised steel in accordance with NEN-EN ISO 1461:1999 NL. Hand rest made of stainless steel 316. Optionally, the ZigZag modules can be powder coated in an RAL colour.

Delivery time: 10-12 weeks after order placement and approval of drawings.
This Shortline Bridge with ZigZag Classic fence has been installed in Bergen (NO) to provide access to a local park. One bridgehead has been elevated to create an attractive connection to the bank.

The Shortline bridges with ZigZag Classic fences are beautifully detailed. In compliance with international safety standards, these fences are difficult to climb over. The bridges have been installed at various locations in Germany, the Netherlands, England and Scandinavia. Optionally, the ZigZag fence modules can be coated in an RAL colour. The handrail is made of stainless steel.

Delivery time: 10-12 weeks after order placement and approval of drawings.

<table>
<thead>
<tr>
<th>Shortline ZigZag Classic Bridges</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sizes</strong></td>
</tr>
<tr>
<td><strong>Arching</strong></td>
</tr>
<tr>
<td><strong>Fence</strong></td>
</tr>
<tr>
<td><strong>Decking</strong></td>
</tr>
<tr>
<td><strong>Norr bridge</strong></td>
</tr>
<tr>
<td><strong>Norr fence</strong></td>
</tr>
</tbody>
</table>
The Country Bridges Low are modest and flat. These bridges are available in lengths of 4 to 10 metres. The width is standard 2 or 3 metres. They can carry an even load of max. 5 kN/m². The bridges have a simplified profile support construction. Integral foundation resting on prefab concrete plates. A durable bridge, made of steel, thermogalvanized according to NEN-EN-ISO 1461:1999 NL norms. Expected lifespan is approx. 50 years. Delivery time 10-12 weeks after commission and approval from client.

### Country Bridges Low

<table>
<thead>
<tr>
<th>Sizes</th>
<th>L= 4 to 10 m, W= 2 or 3 m</th>
<th>L= 13 to 33 ft, W= 7 or 10 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arching</td>
<td>Flat</td>
<td>Flat</td>
</tr>
<tr>
<td>Fence</td>
<td>R&amp;R Baluster Low</td>
<td></td>
</tr>
<tr>
<td>Decking</td>
<td>Smoothed / flat</td>
<td></td>
</tr>
<tr>
<td>Norm bridge</td>
<td>Eurocode + mill annex</td>
<td></td>
</tr>
<tr>
<td>Norm fence</td>
<td>NPR CEN/TR 1317-4:2012</td>
<td></td>
</tr>
</tbody>
</table>

The Country Bridges Low are equipped with a low fence, 30 cm high. The Rough & Ready Baluster system is a rigid beam of FSC hardwood (7x15 cm) or of black synthetic material made of recycled agricultural plastic sheeting. These reinforced All Black beams are extra strong and rigid. The fence is beautifully detailed with laser-cut supports.

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The Country Bridge has a rustic, rural design. The simplicity of the design blends perfectly with the beautiful industrial fences. Three low Country Bridges have been placed in ’t Nieuwelant Park in Vlaardingen (NL).
The Country Bridges High have high, robust fences, to which horizontal stainless steel cables are fitted. The posts have an industrial character and are available in Corten or hot dip galvanised steel. The R&R fencing system is equipped with a rigid beam of FSC 100% hardwood (4x15 cm) or All Black, a black synthetic material made of recycled agricultural plastic sheeting. The High Country Bridges are flat and have a no-nonsense design. They can be delivered in lengths from four to ten metres. The width is a standard two or three metres. Maximum uniformly distributed load-bearing capacity of five kN/m². Designed with a simplified profile support construction system, the bridges comprise integral foundations supported on a prefab concrete plate.

A durable bridge with a life expectancy of approximately 50 years. Delivery time: 12-14 weeks after order placement and approval of drawings.
Streetlife supplies Log Road for use in nature reserves. Environment-friendly composite wood is used for the decking material. These Streetdeck®40 profiles are robust in their dimensions, 40 x 190 mm, and are mounted invisibly. The width of the Log Road are approx. 2 or 3 metres. The wear-resistant and slip-resistant qualities are better than those of traditional wood, and less maintenance is required. For the technical specifications, please see the following Streetdeck pages.

Delivery time 16 to 20 weeks, minimum order 100 m².

The foundation elements are made of reinforced composite and are very lightweight. These dark-grey elements disappear from view and can also be partially sunken. They are embedded underground by means of steel anchoring screws.
Streetdeck®40 is an eco-friendly and functional alternative for hardwood. Streetdeck®40 is sustainable, anti-slip and more durable than hardwood. Streetdeck®40 has a contemporary, clean design and is available in two colours.

The Streetdeck®40 composite wood consists of 75% shredded local residual wood and 25% synthetic material. The material does not splinter and is ideal for bare feet. The shredded wood is completely packed within the synthetic material, so that fungi and algae have no influence. Streetdeck®40 is maintenance-free and will grey outdoors only to a small extent. Streetdeck®40 is protected by patents. The timber used is 100% European and PEFC certified.

Minimum order 50 m².

Basic data on Streetdeck®40:
- Profile size: 19x4 cm
- Standard lengths: 2 and 3 metres
- Low weight: 27.5 kg per m²
- Blind anchors with hammer-head bolts and clamping plates fastened from below.
- Blind anchors with clamps secured to wooden joists from above.
- Span midpoint to midpoint 100 cm (5 kN/m²)

In May 2010 the composition and colours of Streetdeck®40 have been improved conform the specifications in this brochure. The shown colours are in print and they could deviate from reality.

SD40-MG-200/300 (new colour 2010) Medium Grey
SD40-RB-200/300 (new colour 2010) Red Brown
Technical Streetdeck®40 Specifications

- **Dimensions:** length 200, 300 cm; Width 19 cm; Height 4 cm.
- **Tolerances:** -0/+20.0 mm; Width -1/+2; Height -1/+1 mm.
- **Expansion:** max. 0.5% (longitudinal) and max. 2% (transverse).
- **15 mm gap between face ends.**
- **Material:** 75% Wood and 25% PE.
- **Colour:** Medium grey and Red brown. UV stability: yes
- **Processing:** Woodworking tools.
- **Self-weight:** 27.5 kg/m².
- **Load-bearing capacity:** Eurocode 1 NEN-EN-1991-2 standards.
- **Load:** centre-to-centre < 100 cm: 5 kN/m² Distributed load; 7 kN Stamp load on 10×10 cm area; Service and vehicle usage, in consultation.
- **Combustibility:** Comparable to wood. Ignition temperature: 420 °C, DIN 51795.
- **Decomposition temperature:** > 180 °C (approx.)
- **Extinguishing agent:** water, foam, CO₂ or powder.
- **Anti-slip rating:** Floor Slide Control 2000 Print:
  - Wet – safe to very safe / Dry – safe to very safe.
  - The majority of the values are above 0.6 (very safe). The measurement was performed perpendicular to the direction of the profile.
- **Durability & Wear-resistance:** The durability of Streetdeck®40 is excellent, even better than many hardwoods. In comparative research with bankirai, Streetdeck® scored substantially better. Fungal growth could not be found without a microscope.

**Anti Slip Streetdeck®40**

Between the Streetdeck® sections, hard rubber profiles can be mounted, which slightly protrude the surface. These rubber ridges enhance the anti-slip properties of the decking system. The rubber material is hard and UV stable.

**Drip-proof Streetdeck®**

In certain projects, the architect may wish to prevent the dripping of rainwater as much as possible onto the functional space below: for example, a car park. By integrating the integral rubber profiles in combination with a shallow gradient, a drip-proof deck can be realised. However, an occasional drop cannot be avoided with this simple construction.

**Sustainable Decking:**

The composite material – Streetdeck® – has several properties that make it particularly suitable for use outdoors. Streetdeck® is sustainable, i.e. it is both durable and eco-friendly. Not a single tree is cut down to produce this material. Streetdeck®40 prevents problems that can arise with traditional decking such as slipping, high maintenance and ecological objections to the use of hardwoods.

**Anti-Slip:**

Streetdeck® has been rated as safe to very safe in terms of its anti-slip properties. This has been investigated using the Floor Slide Control 2000 Print test. This involves rubbing a plastic sole over its surface. It is less slippery that wood in both wet and dry conditions. Its coefficient of friction is between 0.55 and 0.62 depending on whether it is wet or dry. Measurements were taken in a transverse direction.
Streetdeck®40 decking can be laid in one of two ways – from above onto wooden joists or beams and from below onto steel girders.

Mounting from Above
Two types of clamp are required for this type of assembly: plastic T-clamps for placement between planks and end clamps for fastening the first and last plank. Clamps are inserted into the planks’ grooves and secured using the screws supplied with the clamps. This automatically sets the spacing between the planks at 10 mm. When laying Streetdeck® planks on joists, it is important that the joists be mounted so that they create a shallow 2% gradient along the longitudinal direction so that water can run off easily. The dry clearance below the deck should be at least 60 mm and should be sufficiently ventilated. A 15 mm gap should be maintained at face ends. The maximum spacing between joists should be no more than 100 cm.

The amount of assembly work required is greatly reduced and significantly faster than for conventional decks given the larger permissible maximum distance between joists of 100 cm.

Mounting from Below
Streetdeck®40 planks are clamped to steel girders (I-beam or channel) using long clamping plates and hammer-head bolts. Single clamps are available for first, last and cut-to-size planks. Long clamping plates simultaneously secure five planks to speed up the assembly process. This automatically sets the spacing between the planks at 10 mm. Well-ventilated bridge structures do not need to be constructed to create an gradient. A shallow 2% gradient is however necessary on terraces and platforms at ground level. A 15 mm gap should be maintained at face ends. Streetdeck®40 planks should be supported at a minimum of three points. It is recommended that planks also be clamped at these locations. The tightening torque for hammer-head bolts should be 8 Nm. Hammer-head bolts may be aligned with one of the round channels in the plank for the first and last planks. Special-purpose angle section is available for edging purposes.

Load-Bearing Capacity
Streetdeck®40 has been designed and developed for use as a cycle and/or pedestrian decking system. Decking complies with the following load-bearing criteria – 5 kN/m² (dynamic distributed load), 7 kN (stamp load) as per Eurocode 1 standards. A maximum girder spacing of 100 cm applies. Please contact our R&D department if vehicles are required to be able to drive on Streetdeck®40 decking. Vehicular loads are generally no problem, but substructures will sometimes need to be modified. Our engineers will gladly advise you about such matters.
Streetlife Products for Professional Roof Terraces

Ultra Light Tub, tree planter
R&R Curve 400, bench

Big Green Benches in aluminium
Solid Base, bench
Soliditude, bench

Solid Picnic Table
Air Tub, tree planter
Synthetic Cone, low model tree planter

Meet & Work
R&R Tree Isles
Synthetic Cone, high model tree planter

Streetlife Products for Professional Roof Terraces

Protected by Int. Model Depots and Patents

Design: Streetlife
The Solideck™70 system is ideal for use on jetties, bridges and platforms. Fastening clamps allow it to be assembled quickly and easily.

The Solideck™70 deck system is of the highest quality possible. It is a particularly solid and robust deck system consisting of 7 x 7 cm, high-durability, FSC-100% hardwood slats. Slats can be blind anchored from above using fastening clamps. Assembly is extremely quick and easy. The 7 x 7 cm slats' ruggedness are accentuated by allowing the Solideck™70 deck to overhang. Available in lengths of 200 and 300 cm.

A striking pattern can be created by laying alternating smooth and anti-slip slats.

Solideck™70 slats are available in lengths of 200 and 300 cm. Approximately twelve slats per metre.
Truedeck® is a complete composite decking system comprising pultrusion profiles, which are blindly anchored and finished with gravel. As the composite resin of the pultrusion profiles is almost identical to the bonding resin of the coloured gravel, there are no differences in expansion, thus reducing maintenance to zero. There is a choice between two types of Truedeck® profiles: Open or Closed, both 4 cm thick.

Truedeck® is lightweight (20 kg/m²), but at the same time very strong with a maximum accidental vehicle load of 12 tonnes. Truedeck® is designed in accordance with EN1991-2 and CUR96.

Sizes (w×h): 256 x 40 mm / 300 x 40 mm
Lengths: 200 / 300 / 400 / 500 cm
Net weight: 20 kg/m²
Min. distributed load: 3 kN/m²
Max. maintenance vehicle load: 5,000 kg
Max. unforeseen vehicle load: 12,000 kg
Wear-layer: Colour and grain size in consultation
Material composition: Glass fibre - resin 60% - 40%
Life span plank > 50 years
Life span wear layer: 10 years
Max. distributed load: 5 kN/m²
Max. maintenance vehicle load: 5,000 kg
Max. unforeseen vehicle load: 12,000 kg
Wear-layer: Colour and grain size in consultation
Material composition: Glass fibre - resin 60% - 40%
Life span plank > 50 years
Life span wear layer: 10 years

Truedeck®40 Close
A wide profile (30 cm) that can be linked almost seamlessly, resulting in a closed bridge deck which is gritted in situ.

Truedeck®40 Open
A narrow profile (25.6 cm) that is mounted with seams of 4 to 5 mm, creating a plank effect.
Artdeck® is a galvanized steel grid in which the mesh (3,3x3,3 cm) is filled with resin-bounded rubber granulate. In terms of technical form, Artdeck® produces a strong graphic image. Artdeck® is very slip-resistant, requires little maintenance and is completely porous. Artdeck® is applied in modules of 120x100 cm, with a thickness of 4 cm. The standard colours are camel and anthracite coloured mixture. Various colours are available on request. Artdeck® is patented.

Load-bearing properties of Artdeck®:
Streetlife’s pedestrian and bicycle bridges have an even load-bearing capacity of 5 kN/m² in line with international norms. With 5 kN/m², the heart-to-heart span is 120 cm, with the application of a steel grid with a carrying bar of 4x0,3 cm and mesh width of 3,3x3,3 cm.