

XTREME SOLUTIONS

ONE GRID.

INFINITE POSSIBILITIES!

XTREME

***THE LEADING SYSTEM FOR
EASY AND SUSTAINABLE
EVENT BUILDING.***

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beConstruct

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EASY & SUSTAINABLE EVENT BUILDING



BEMATRIX IS THE TRUE HEIR AND BELGIAN MANUFACTURER OF THE ORIGINAL FRAME SYSTEM WITH BIG HOLES, LAUNCHED IN 1993.

Bematrix leverages the event industry towards positive transformation with a higher convenience and return for customers in a sustainable manner.

OUR MISSION IS TO BE THE LEADING SYSTEM FOR EASY AND SUSTAINABLE EVENT BUILDING!

The bematrix system offers event builders and exhibitors endless possibilities with endless kinds of concepts for exhibition stands, congress walls, expositions, indoor and outdoor events and pop-ups.

A SUSTAINABLE STEP FORWARD: FRAMES WITH ECO+ FINISH

Bematrix introduced the ECO frame as an ecological alternative to the anodised frame.

Anodising is a chemical surface treatment harmful to the environment. We invented a brushing technique with the same look as the end result, but without environmental risks.

MORE ON OUR EFFORTS TO MINIMISE OUR IMPACT ON THE ENVIRONMENT IN OUR SUSTAINABILITY REPORT



Scan the QR-code for impact

"The bematrix system offers endless possibilities with endless kinds of concepts for exhibition stands, congress walls, expositions, indoor and outdoor events and pop-ups. You have one frame, but infinite possibilities."

b62®



reddot award
winner

All dimensions of the b62® frame system have been **based on the perfect 62 x 62 mm matrix.** The width, length and height of the constructions are always multiples of 62.

The 62 mm matrix delivers **the ultimate modularity with countless configuration options.**



Why bematrix?

FAST & EASY BUILDING

Less sweat, more wow. Our **lightweight, tool-less system** lets builders set up faster, drink their coffee warmer and still deliver more projects in less time.

NO LIMITS TO CREATIVITY

Designers love bematrix because we say “yes” where others say “impossible.” **One grid, infinite possibilities** – from jaw-dropping brand stories to experiences that get people talking.

YOUR BUSINESS ACCELERATOR

Our frames don't just build stands, they build companies. By investing in **long-lasting solutions**, entrepreneurs cut costs, scale smarter and grow without needing an army of extra hands.

BACKED BY A GLOBAL FAMILY OF INNOVATORS

Working with bematrix means joining **the original innovator** in modular frame systems – and a movement that's always first with the next big thing. With 12 rental hubs, a global bePartner and beMaster network, and 300+ passionate beManiacs, you're never alone. **Wherever you are, we've got your back.**

SUSTAINABILITY WITH A SMILE

We were **reusable** before it was cool. Our frames are designed to last, be reused again (and again), and eventually upcycled or recycled. **Good for the planet, great for your karma.**

***BUILD FASTER, GROW SMARTER,
CREATE WITHOUT LIMITS, REUSE FOREVER!***

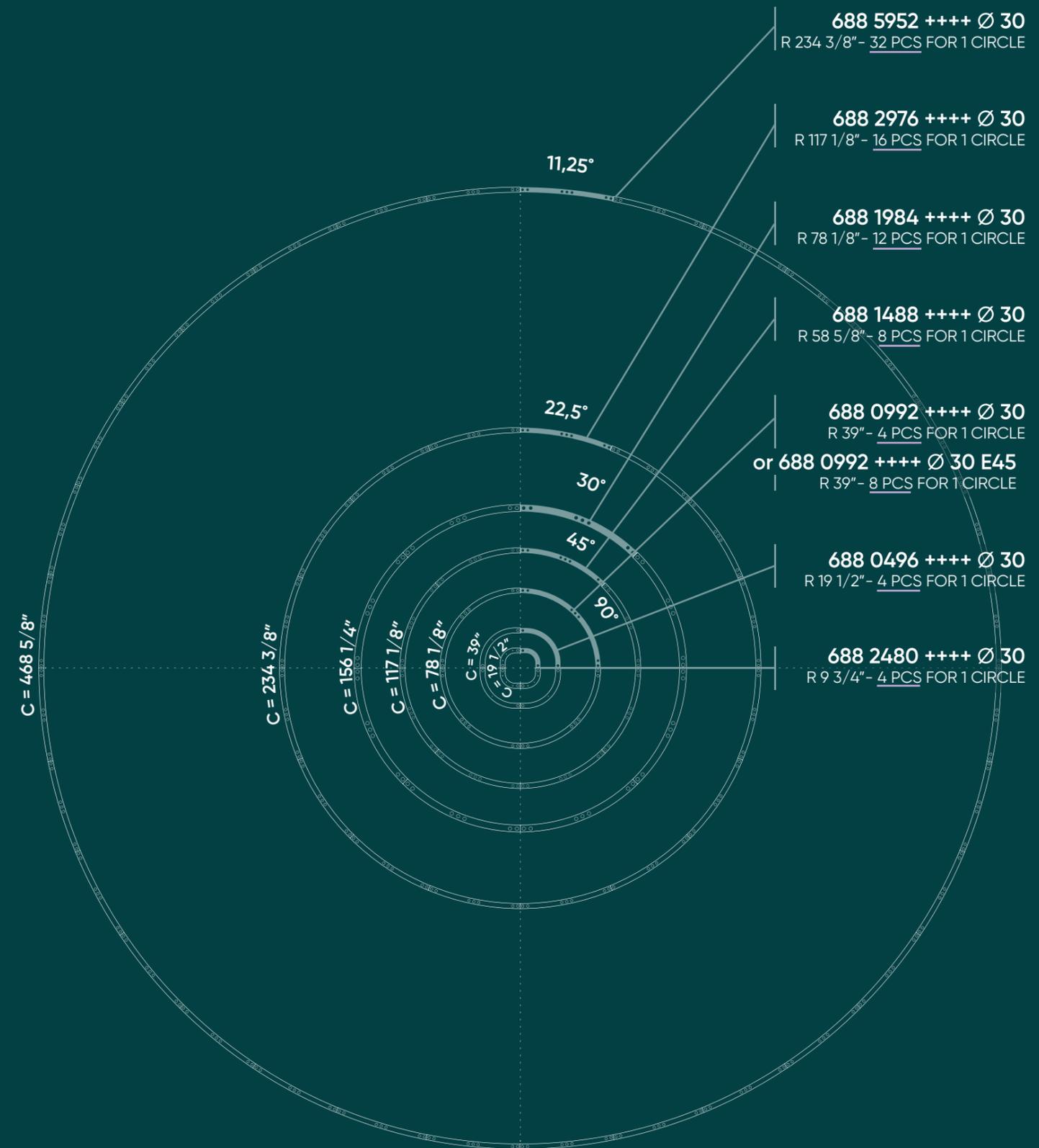
– AND KNOW WE'VE GOT YOUR BACK, WHEREVER YOU GO.



Building curved sections made easy

No matter the intricacy of your ideas or design concept, with our **b62®** **curved frames range with 7 radii**, any project can come to life thanks to the endless possibilities when combined with standard frames.

Straight and curved frames are fully compatible because of the perfect 62 x 62 matrix and any infills will fit seamlessly.



C = Circumference
 R = Radius
 Ø = Diameter

PRODUCT PRINCIPLES





b62

The 62 mm grid assures a perfect fit in any direction. Create any shape imaginable.

1



360°

Use the frame for walls, ceilings and floors. It harmoniously blends into one.

5

2 Toolless

Hardly any tools needed. The fastest system to build.



6 Welded frames

Lighter, stronger and faster assembly than standard frames.



3 System & custom

Unique merge of the modular system and custom elements.

3



7 Bematrix, our dna

Easy to finish (panels/textile) and always connectable to the rest of the system.

7

4 ClimatePartner Certified frame

Calculate product carbon footprints, set reduction targets, implemented reduction measures and finance climate projects.



8 Keep the body, change the skin

Endlessly reusable, just change the graphics!



8

DOUBLE DECK

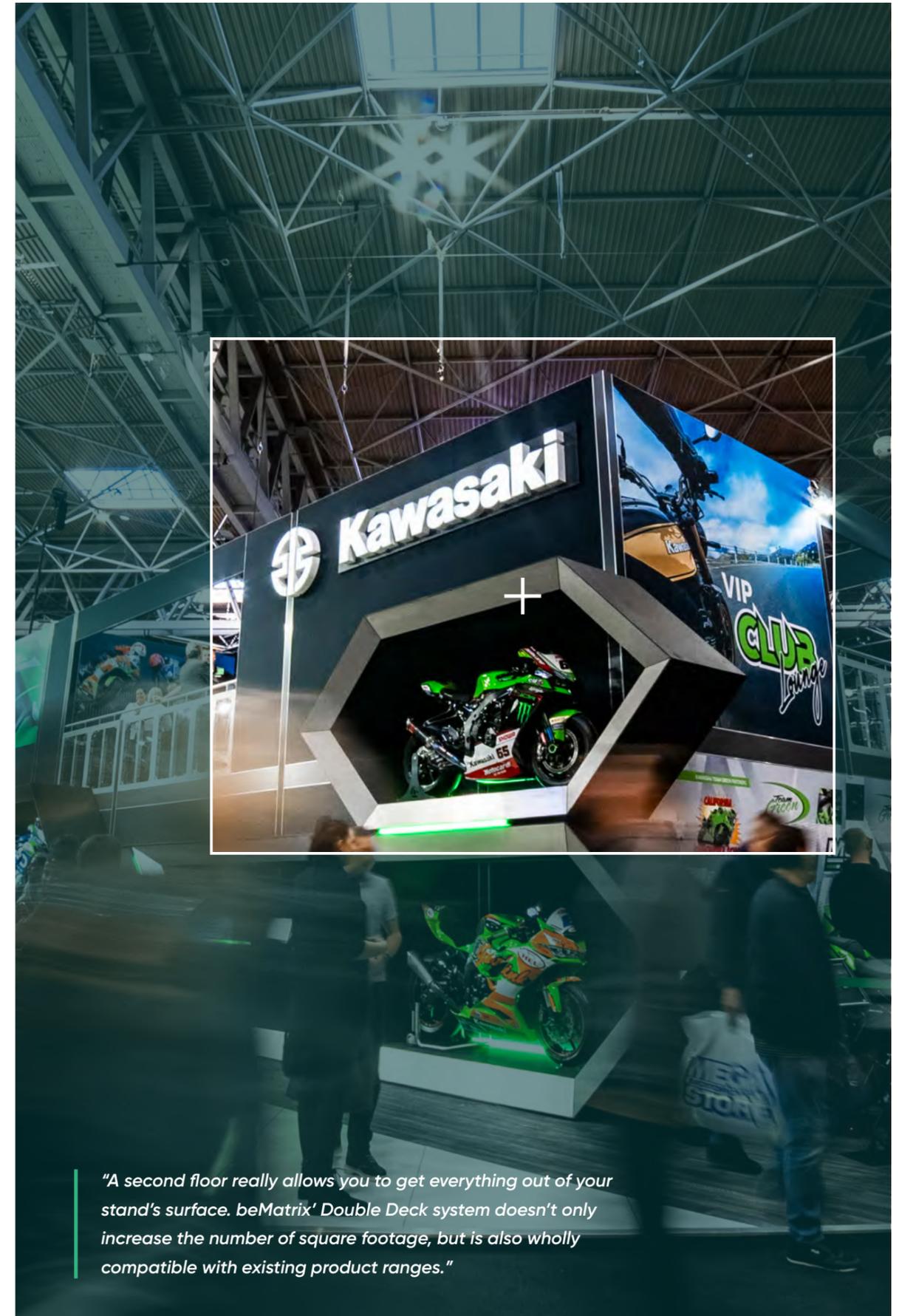


What is Double Deck?

With our Xtreme solutions, the sky is the limit, literally. Towering stands, large spans, second floors... it's all possible! Take your stand or event concept to the next level with Double Deck, the bematrix structure used for **building a second floor**.

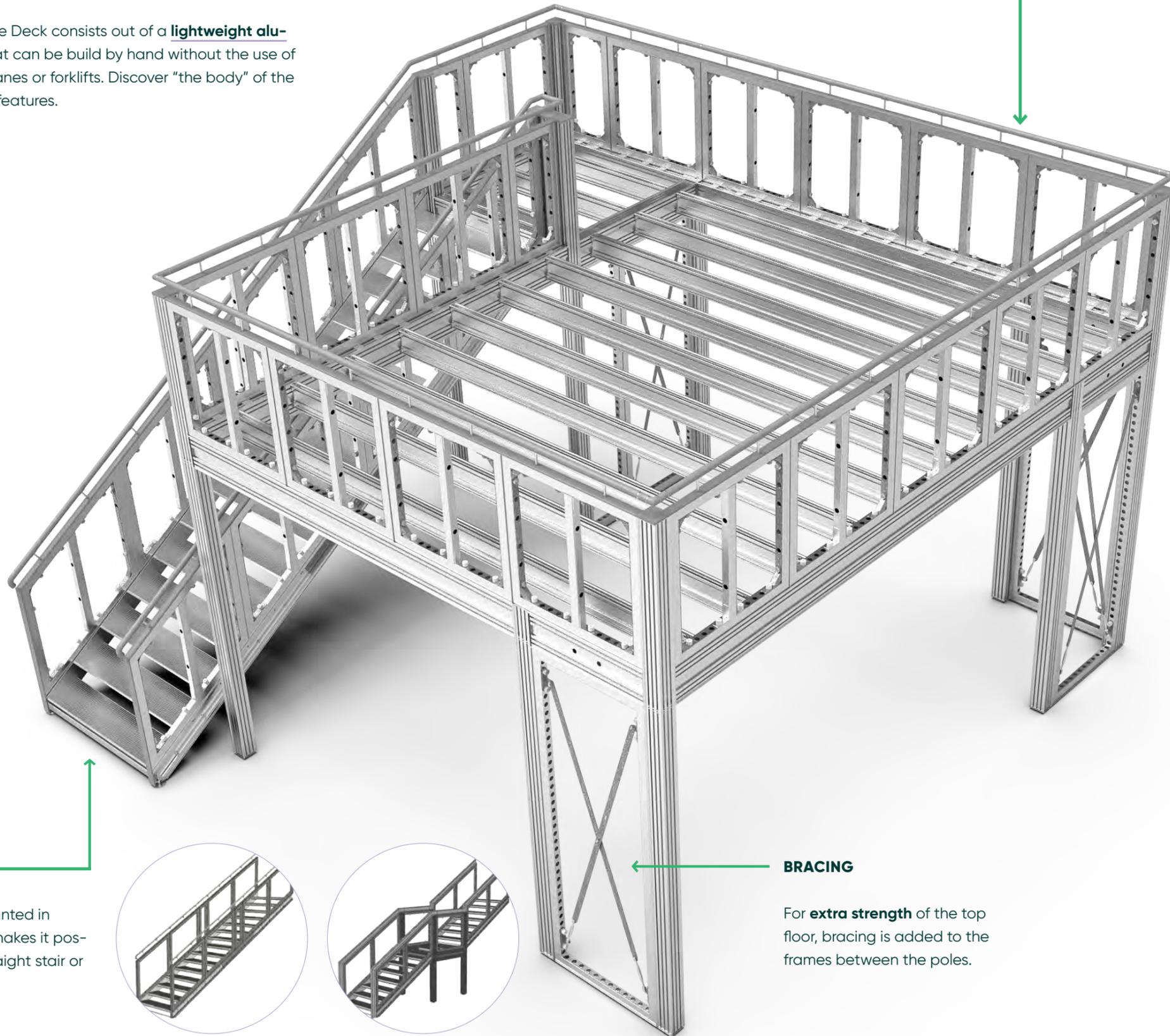
A second floor really allows you to get everything out of your stand's surface. The bematrix' Double Deck system increases the number of square footage, and is fully **compatible with existing product range** (frames, LEDskin®, lightboxes, etc.). The structure itself can be finished with panels, textile, glass or other infill materials. That way, the look and feel of your stand totally come together!

Stability, safety as well as perfect aesthetic integration are equally important. We will make sure your stand looks impeccable and is **compliant with all rules and regulations**. We provide you all the support needed to set up your stand.



The structure

The bematrix Double Deck consists out of a **lightweight aluminum structure** that can be built by hand without the use of heavy machines, cranes or forklifts. Discover "the body" of the structure and all its features.



RAILING

Standard frames of 496 x 992 mm are used as railing. Reinforcement brackets are mounted in every corner of the frames for support. A rounded cover and stainless steel handrail are added on top of the frames.



OPTIONAL
We offer a glass railing solution to spice up your Double Deck. This railing consists of a U-profile that you attach with connectors.

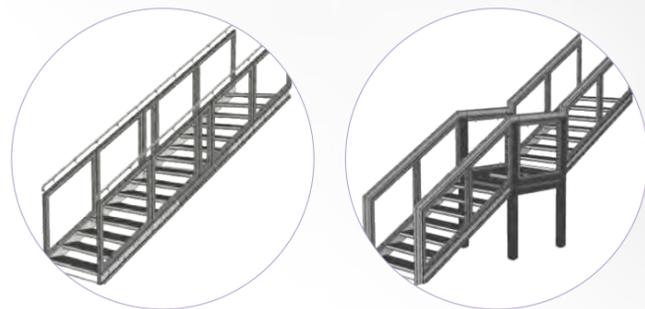
BEAMS AND POLES

A Double Deck is created with **primary & secondary beams and poles**. They can easily be connected as it is based on a coupling system avoiding the time consuming fastening of bolts and nuts.



STAIRS

The staircase is mounted in **three parts**, which makes it possible to create a straight stair or a stair with landing.



BRACING

For **extra strength** of the top floor, bracing is added to the frames between the poles.



The parts

STAIRS & LANDING PLATFORM

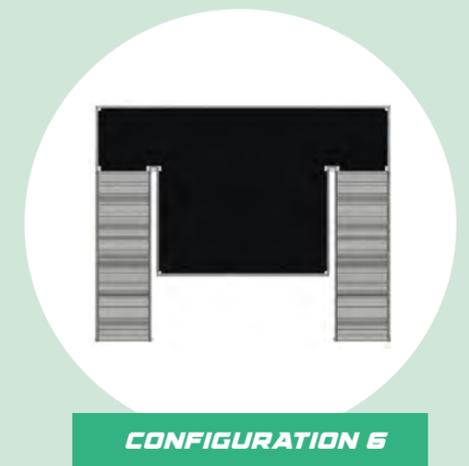
The landing platform can be **placed on every corner of your structure**. This way you can attach the stairs to the side and it takes a limited amount of space. Do you have more room or want to make the stairs the eyecatcher of your stand? Then we have more options available for you! On the right side you can see a visual representation of all possibilities.

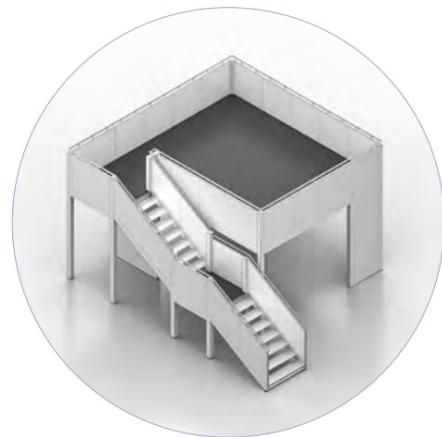
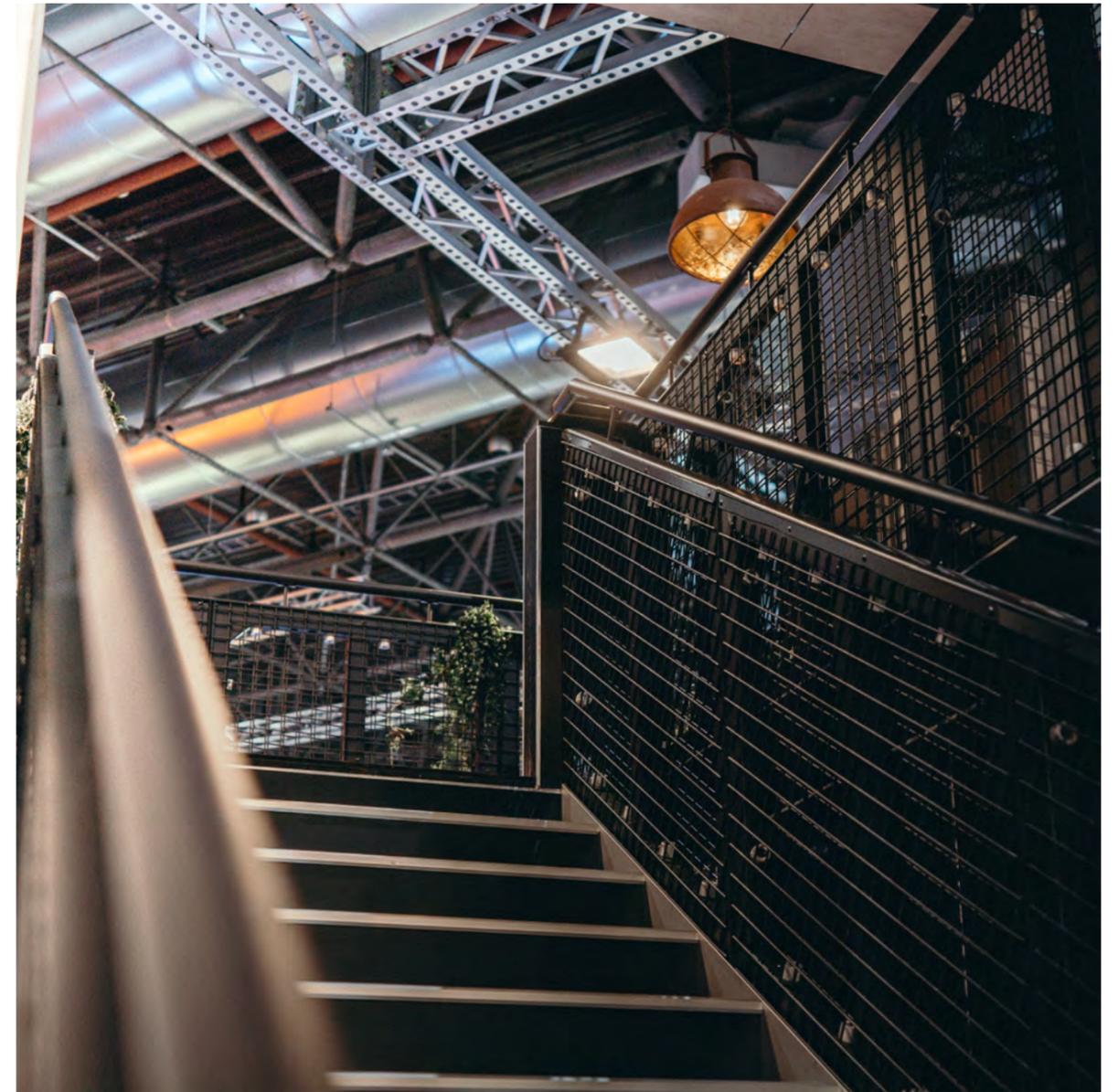
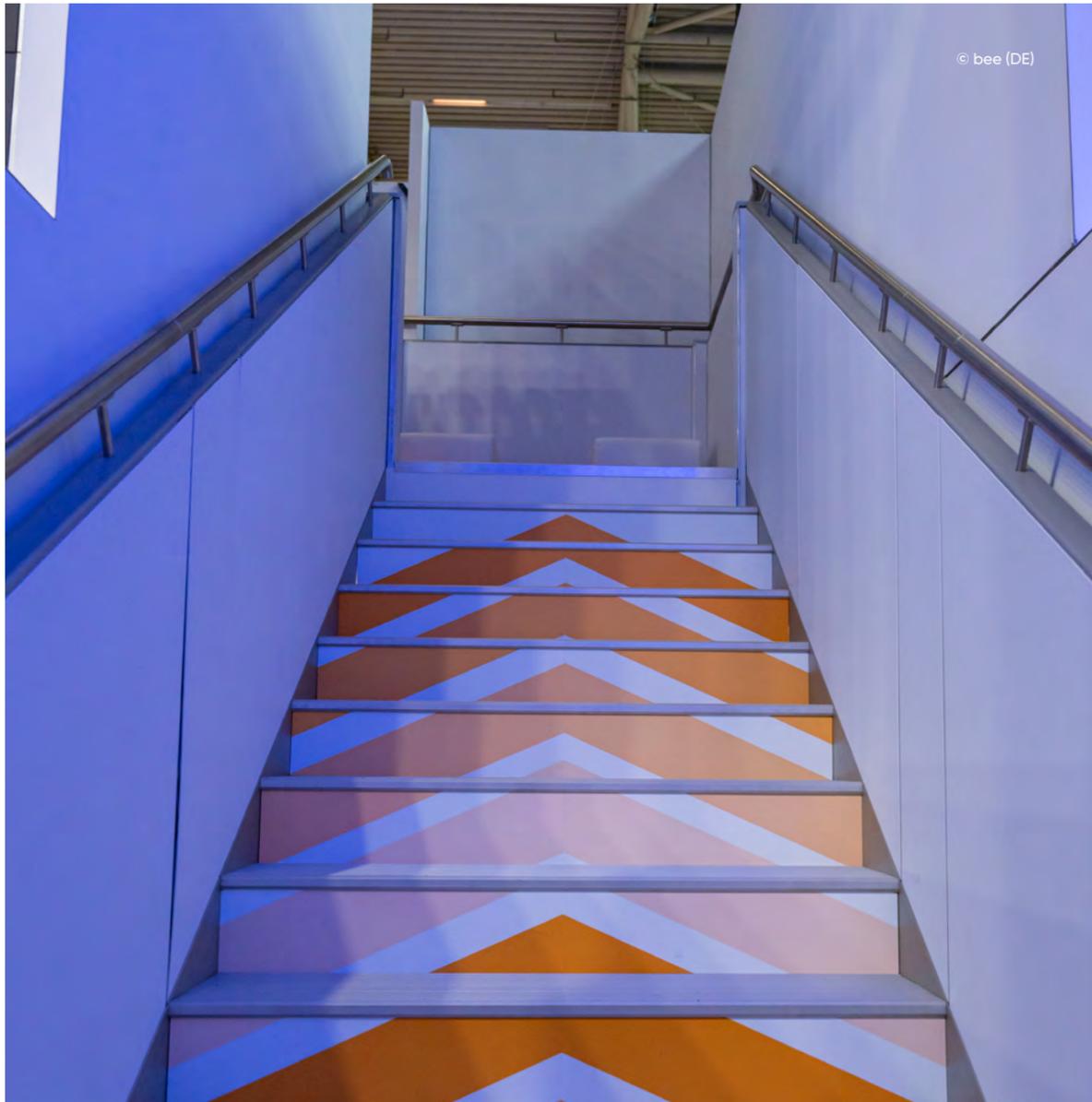
Cover the bottom of your stairs with a special set of custom made frames. This set can be used in combination with the landing platform too, so one set of frames allows you to finish your double deck with panels or textiles with the same userfriendliness you are used too.



SET 5 FRAMES UNDER STAIR
Set of custom made frames to finish your stairs

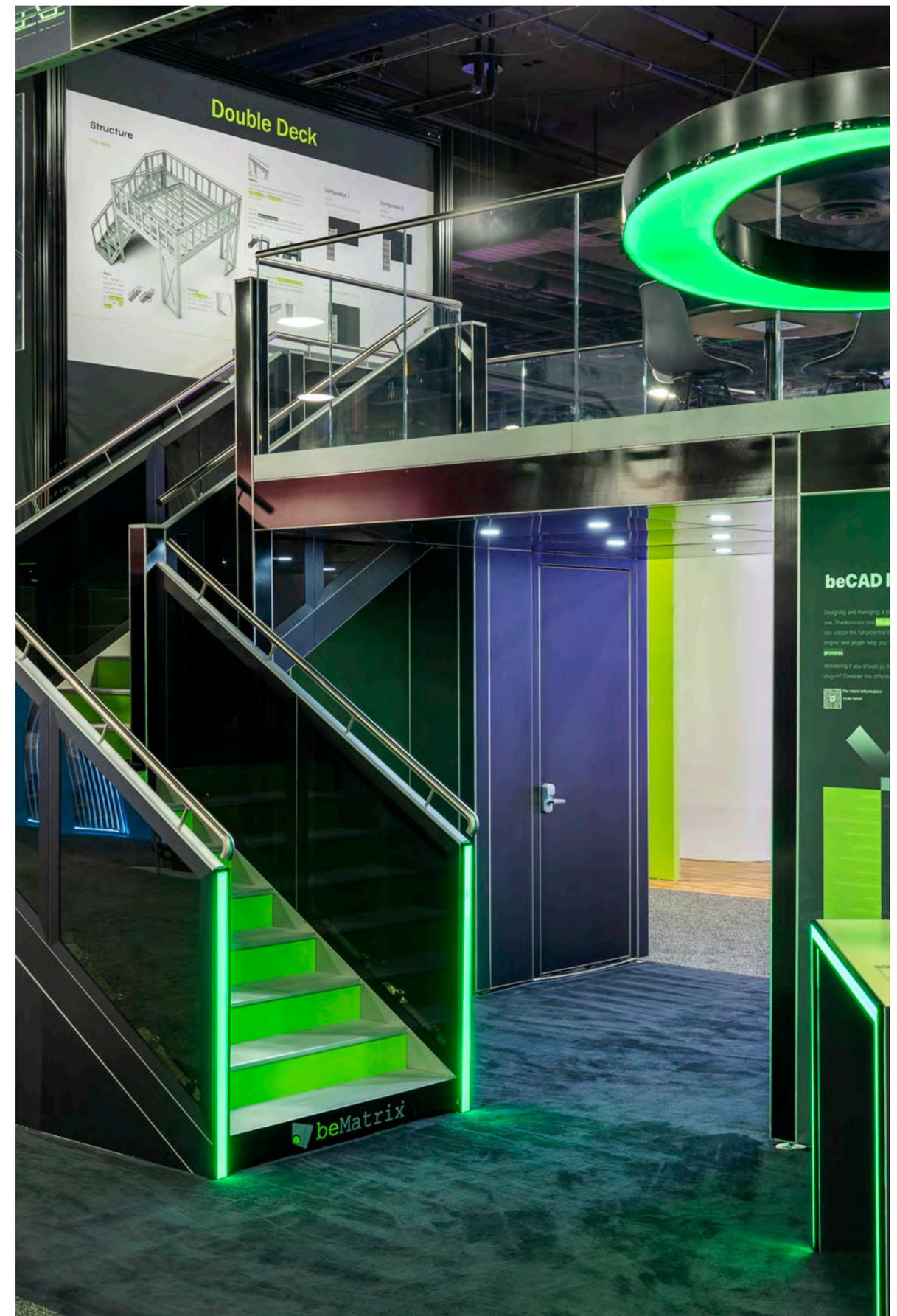
Art. nr 839 001





CEILING & FLOOR

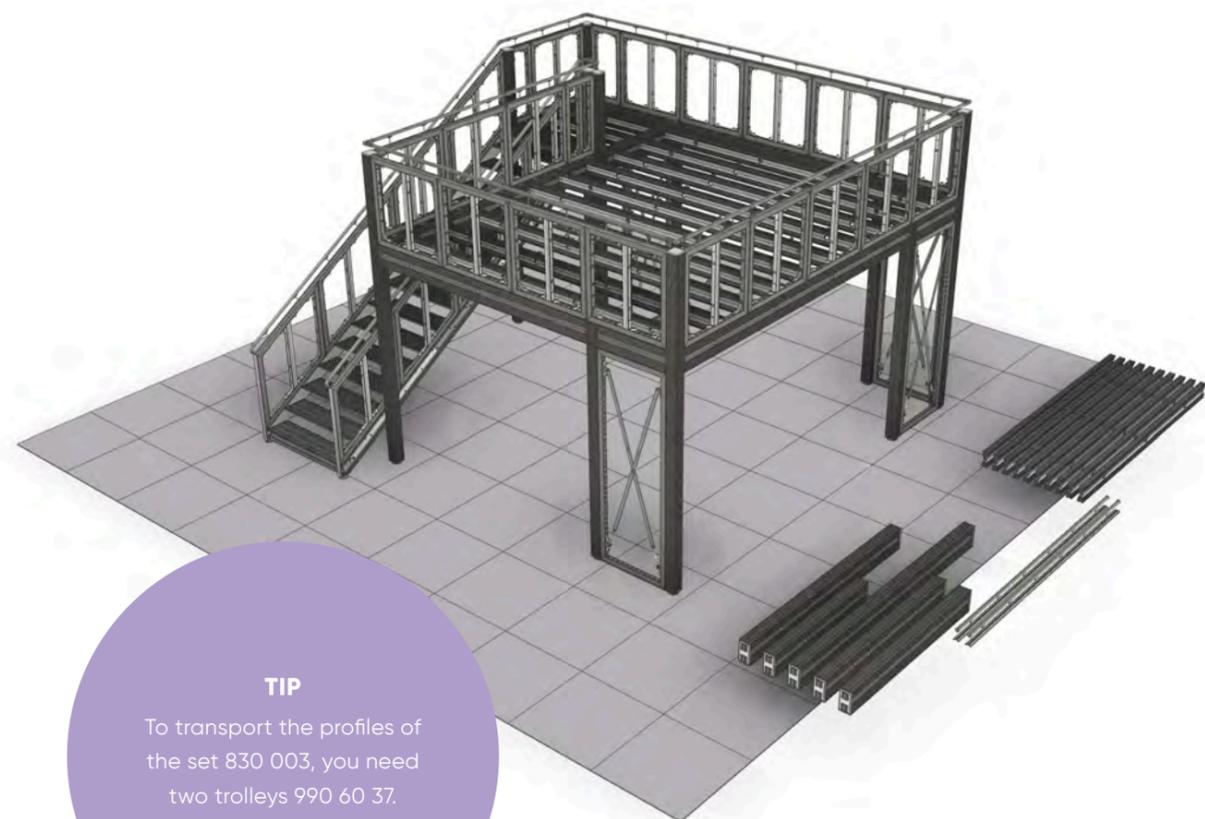
The finishing of floor and ceiling is **not provided** in the Double Deck modules. For the floor, minimum 22 mm chipboard must be provided. Standard b62 frames can be mounted underneath to make a ceiling. You can even close off the lower part with frames to have an extra meeting space.



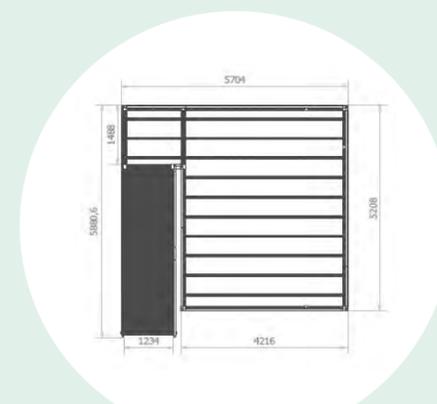
The set

Profiles, poles, beams, floor brackets, staircases and railings: we offer you entire modules which you can easily add to your stand design.

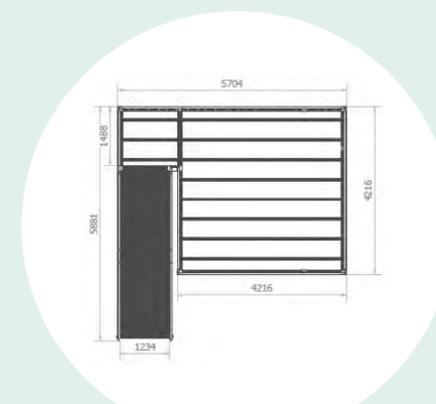
With the Double Deck set 830 003 you can create up to six different configurations. Other configurations on request, please contact us for more information.



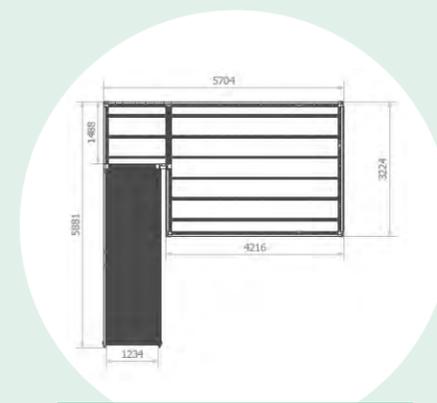
TIP
To transport the profiles of the set 830 003, you need two trolleys 990 60 37.



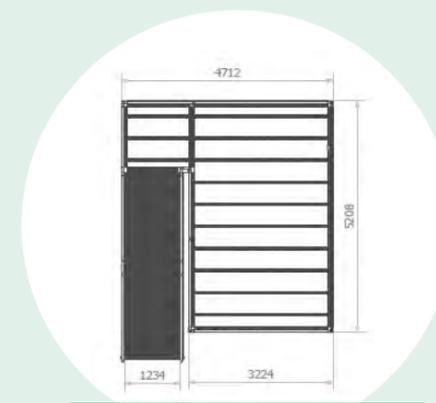
CONFIGURATION 1



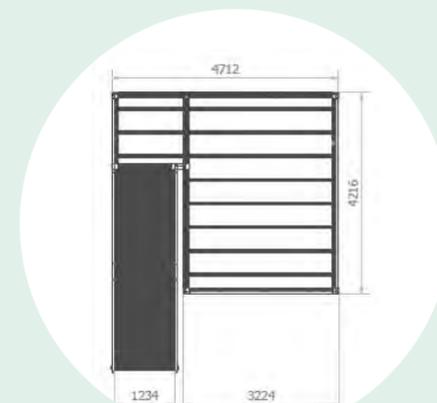
CONFIGURATION 2



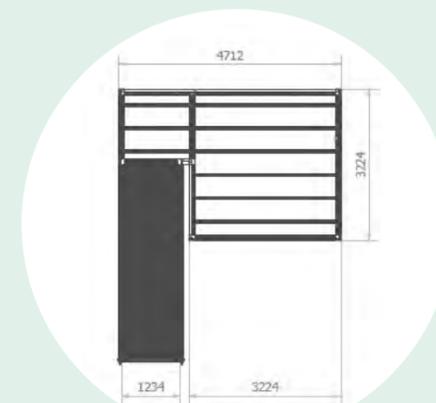
CONFIGURATION 3



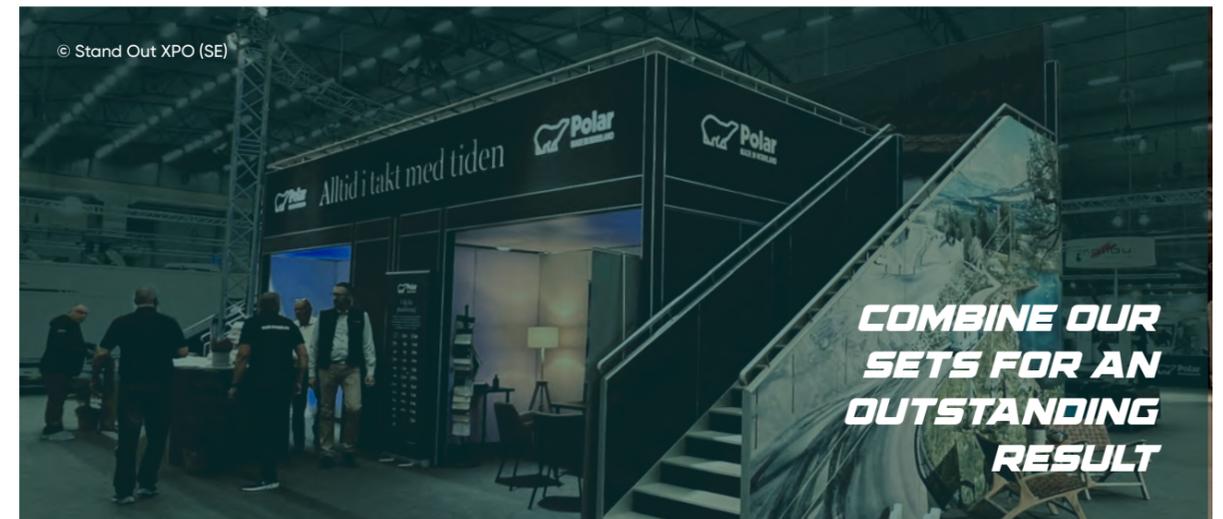
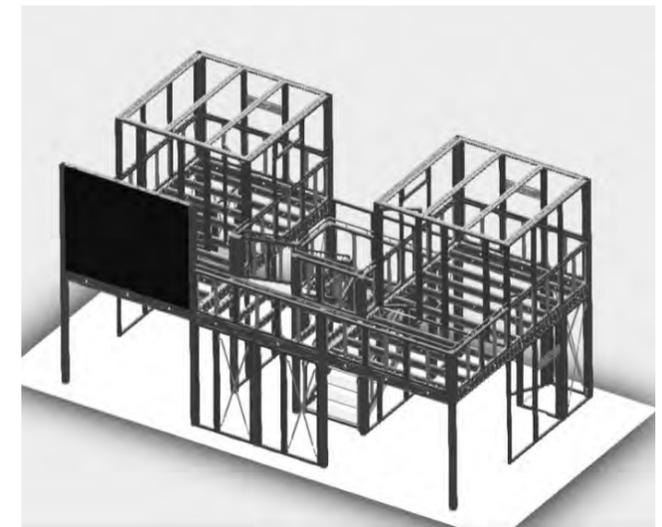
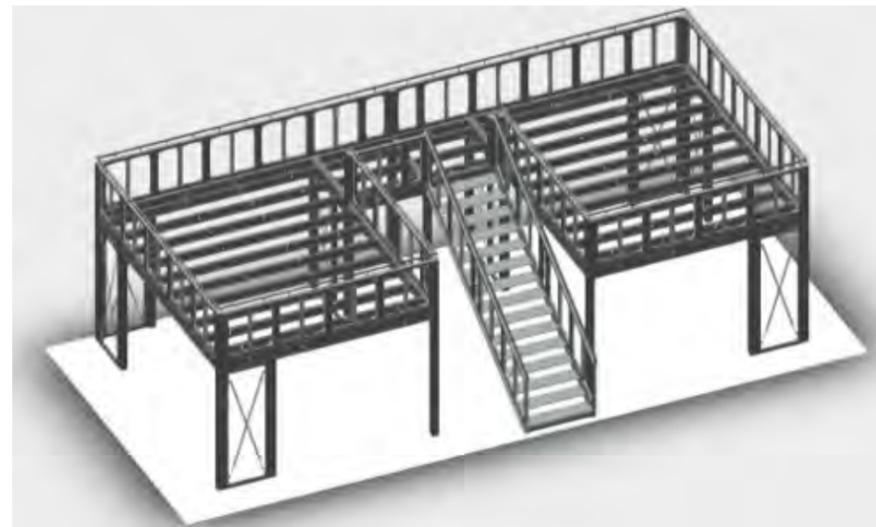
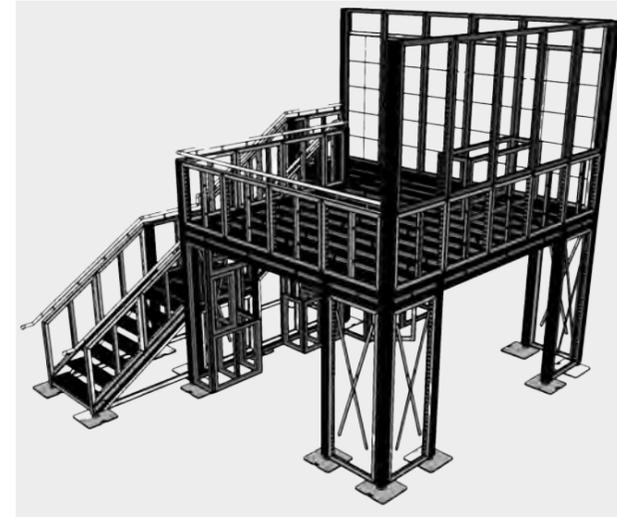
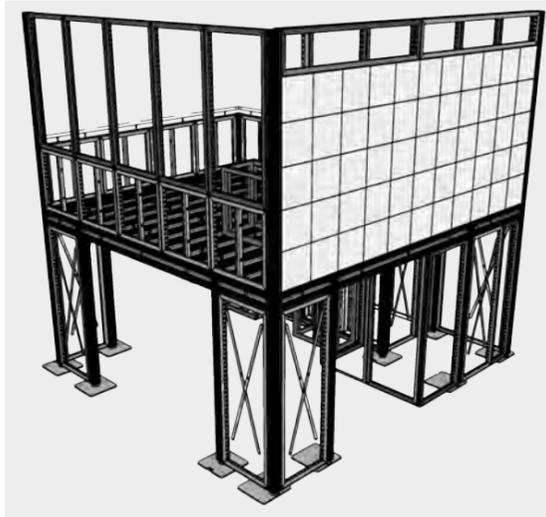
CONFIGURATION 4



CONFIGURATION 5



CONFIGURATION 6



The add-ons

5M SPAN

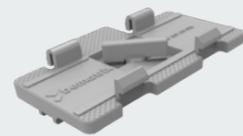
Unlock a new level of creativity in your Double Deck designs with the 5m span! This add-on allows building larger spans up to 5 meters, enabling broader layouts. The surface of your Double Deck stays unchanged, but this adds a **new layer of spectacle**. Every 5m span add-on is custom-made and thus tailored to your project needs. Engineered with precision and compliant with safety standards.

More information and price on request. ([Art. nr 830 005](#))

HANDY CONNECTORS FOR INSERTING LARGE TEXTILES

A Double Deck combined with frames? We got you covered to create stunning textile based surfaces. The **X-cover clip** is a handy and user-friendly clip designed to **install textiles seamlessly across large surfaces**. It's your perfect companion in combination with the beConstruct profiles and Double Deck beams. After installation of the X-cover clip on the beConstruct profile or Double Deck beam, you can simply attach the perfect textile cover.

The **b62 cover clips bracket** is a steel bracket designed to help you **mount a perfect textile cover onto the front of your frames** when combining a beConstruct profile or Double Deck beam with a frame underneath.



X-COVER CLIP

Clip made out of durable plastic. One side is flat, the other features a small protrusion

[Art. nr 901 00 038](#)



B62 COVER CLIPS BRACKET

Steel bracket designed to help you mount a perfect textile cover onto the front of your frames

[Art. nr 901 3710 b62](#)





The finish

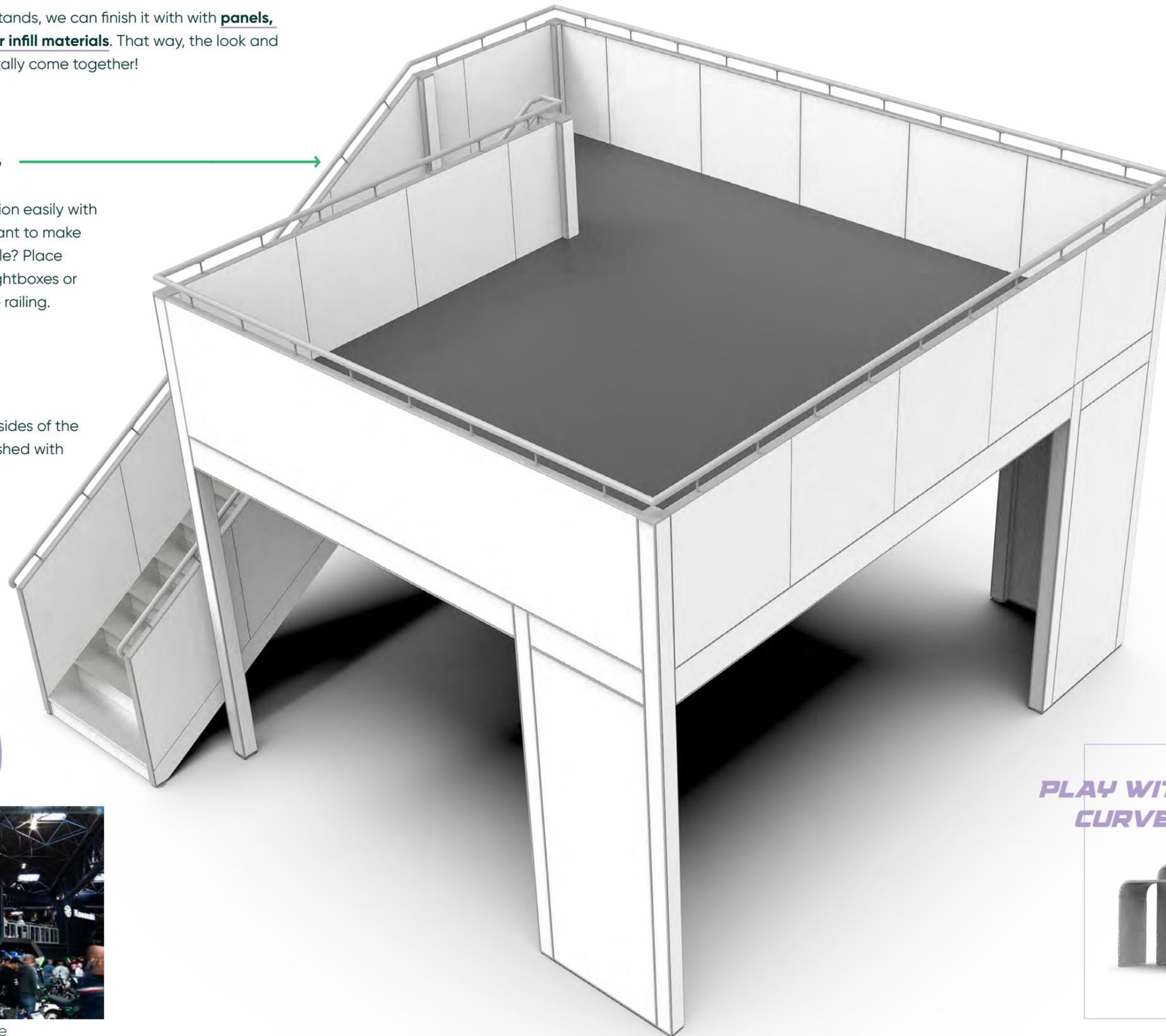
Once the structure stands, we can finish it with with **panels, textile, glass or other infill materials**. That way, the look and feel of your stand totally come together!

FINISH THE RAILING

Finish your construction easily with panel or textiles. Want to make your build extra visible? Place LEDskin® modules, lightboxes or frames in front of the railing.

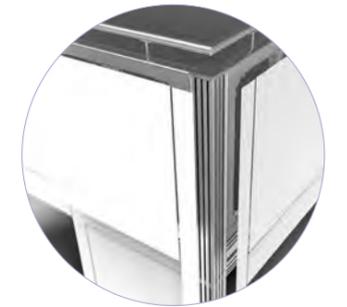
STAIRCASE

Both the railing and sides of the staircase can be finished with panels.



PANEL

The Double Deck structure can be finished with 3mm thick panels.



SEAMLESS TEXTILE

The frames of the Double Deck can be finished with a textile for a seamless result.



BRING MOVEMENT
IN YOUR DOUBLE
DECK PROJECT



Scan the QR-code to Get inspired!



**PLAY WITH
CURVES!**



WHAT HAPPENS IF A
BEMASTER, A BEPARTNER AND
AN AGENCY WORK TOGETHER?
PURE MAGIC!



Scan the QR-code to read their story

AIRBUS

The reuse rate
of this stand is **95%**
Find out more about the reuse rate at our stand!

MOTOROLA SOLUTIONS

CONNECTED ENVIRONMENT

ORTHCOM

BECONSTRUCT



your rental a
clos

OP
OP
OP

SYSTEM FOR
EASY &

be
Matrix

fast & easy
to sign and
bill for

BEMATRIX

TRIGGER

PERFECTED

PERFECTED

PERFECTED

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C

C01

What is beConstruct?

beConstruct is our new construction profile that lets you **build big and open non-load bearing** constructions. It's the perfect solution for designs that requires a bit more support than just a frame. The dimensions of beConstruct are **124 mm by 124 mm** making it fit perfectly within the bematrix system.

Our new beConstruct construction profile is lighter to build with compared to Double Deck's poles & beams. This means faster build times and reduced labor costs. You can build in both **90° (=corners)** and in **180° (=extensions)** directions. Use the D30 slot connector to hang b62 frames on it. The migration between beConstruct and b62 frames opens many design opportunities in the exhibit and event industry.



The parts

90° CONNECTOR

A strong bematrix connector connecting 2 aluminum construction profiles at a perfect 90° angle. Patented design.

Art. 710 30 0214



SLOT CONNECTOR SUPPORT

The slot connector support can be put in the construction profile beforehand. Always used together with the 710 30 0214 in a 90° connection. In addition, it also serves as a support to rest a horizontal profile on before securing the 90° connector.

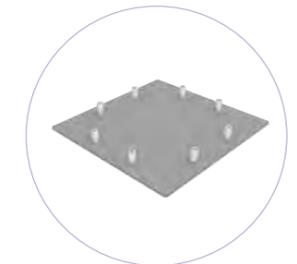
Art. 710 30 0217



END PIECE

The cherry on the cake: an end piece that fits the beConstruct profile perfectly. For a neat result!

Art. 980 11 01 TG



180° CONNECTOR

A strong bematrix connector connecting 2 aluminum construction profiles in a 180° extension. Patented design.

Art. 710 30 0215



BECONSTRUCT MOUNTING SUPPORT TOOL

Temporary support that helps you connecting two beConstruct beams in a T-connection.

Art. 710 30 0222



Target load tables

PROFILE CLAMPED (WITH 90° CONNECTOR AND SUPPORT BLOCK): ONE FULL PROFILE



Load limits and displacements:

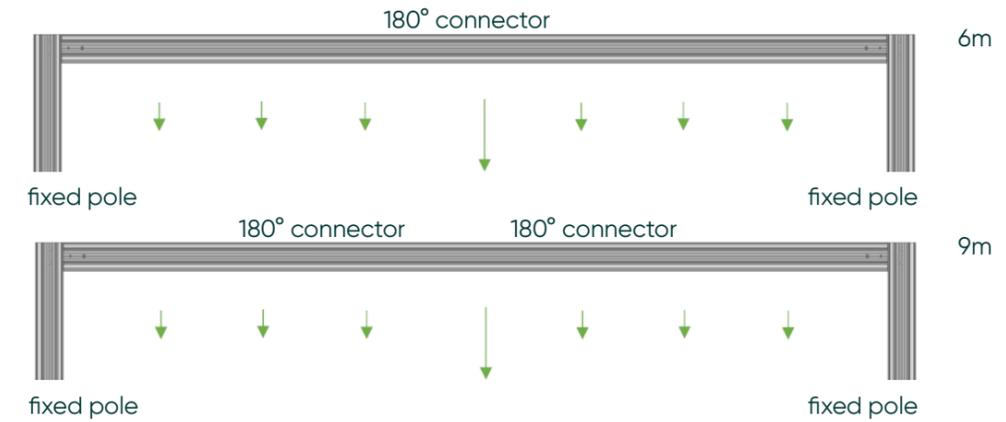
LENGTH (M) / (FT)	UDL					CPL				
	(N/m)	(kg/m)	(lbf/ft)	(mm)	(in)	(N)	(kg)	(lbf)	(mm)	(in)
3 / 9.84	2.029 ¹	207 ¹	139 ¹	9.9	0.39	6.088 ¹	621 ¹	417 ¹	15.9	0.63
4 / 13.12	1.512 ¹	154 ¹	104 ¹	22.9	0.90	4.864 ²	496 ²	333 ²	29.6	1.17
5 / 16.4	942 ²	96 ²	65 ²	34.6	1.36	3.139 ²	320 ²	215 ²	37.1	1.46
6 / 19.69	544 ²	55 ²	37 ²	41.8	1.65	2.77 ²	222 ²	149 ²	44.8	1.76

¹Limited by the maximum allowable shear load on the positioning block.

²Limited by the connection.

- ◆ UDL: Uniform distributed load.
- ◆ CPL: Center point load.
- ◆ Loading table only valid for static loads.
- ◆ Loading table only valid for single spans with support at both end.
- ◆ The self-weight of the profile is already taken into account.
- ◆ Loading table is calculated according and in compliance with the European standard (Eurocode EN1990).
- ◆ Loading table excluding frequent use factor.
- ◆ Loading table & deflections are based on good assembled and aligned connectors.

PROFILE CLAMPED (WITH 90° CONNECTOR AND SUPPORT BLOCK): WITH 180° CONNECTOR (MULTIPLE PROFILES)



Load limits and displacements:

LENGTH (M) / (FT)	UDL					CPL				
	(N/m)	(kg/m)	(lbf/ft)	(mm)	(in)	(N)	(kg)	(lbf)	(mm)	(in)
6 / 19.69	212	21.6	14.5	5.2	0.20	850	86.6	58.2	7.3	0.29
9 / 29.53	62	6.3	4.2	10.2	0.40	376	38.3	25.8	12.9	0.51



248 SECONDS OF
BECONSTRUCT.
YOUR GUIDE TO DISCOVER
THE PRODUCT RANGE



Scan the QR-code & watch!

Combinable products

TRACK LIGHT PROFILE

Adding lighting to your design is a piece of cake. The cross section of the beConstruct profile includes a notch to slide in a Track Light Profile into it. Even better: there's a channel on the inside where you can hide the cables. They are secured with a clip.

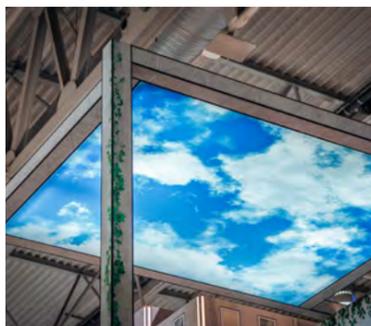
Art. 11 261 00 ++++



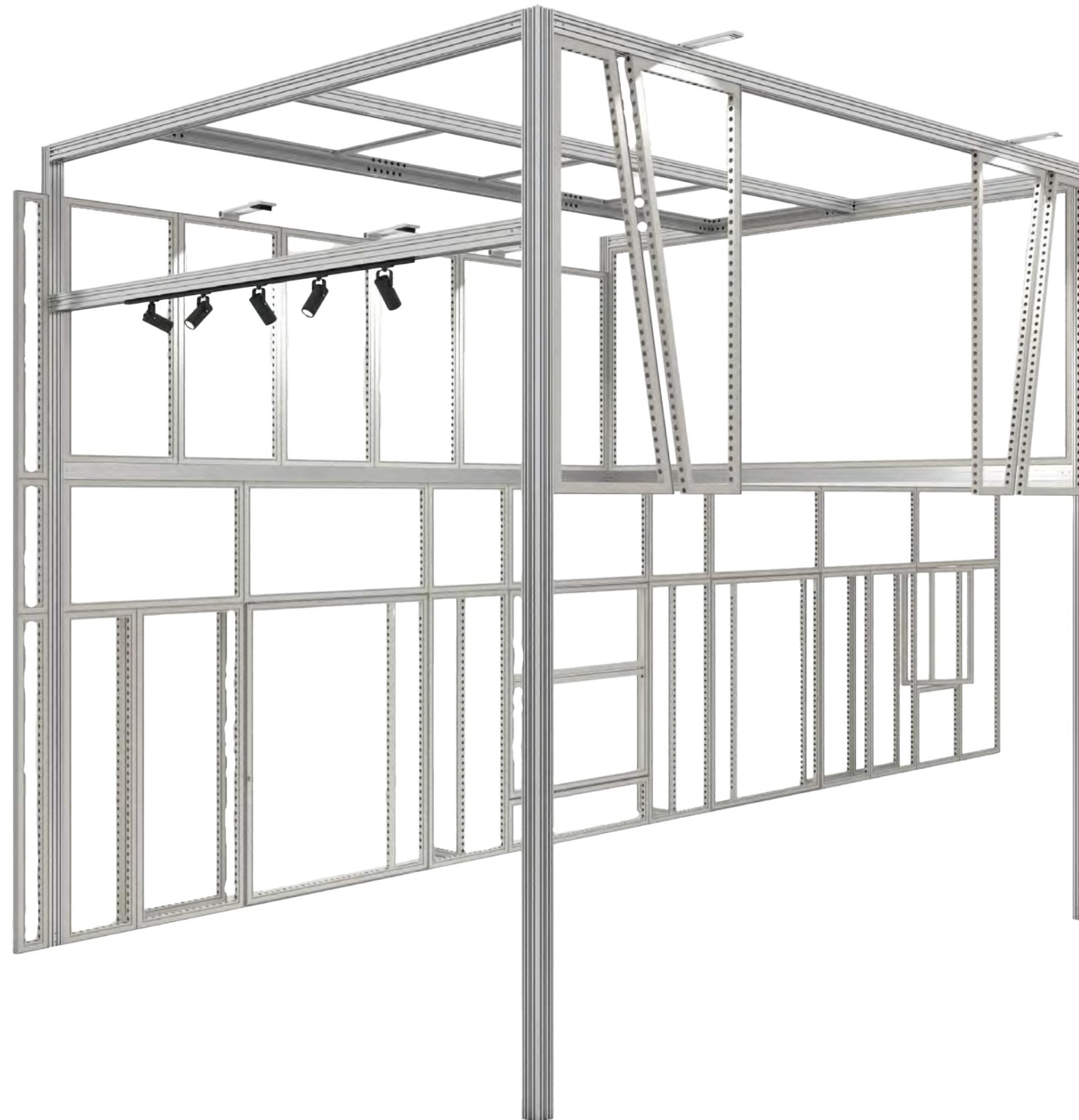
LIGHTBOX/GLASS PROFILE

Use the mounting bracket with both M6 and M8 holes to mount, lightboxes, glass profile, etc. to the construction profile.

Art.710 30 0218



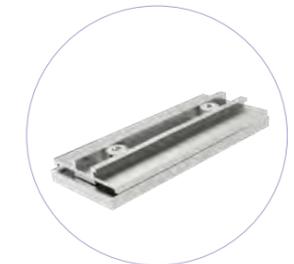
50 | bematrix xtreme



SAM LIGHT/BIG SAM LIGHT

The SAM Light & BIG SAM Light connector is an attachment piece to integrate these lights to bematrix's construction profile. Simply slide the plate onto the SAM Light or the BIG SAM Light and mount on the construction profile! Yes, it can be that simple.

Art. 710 30 0219

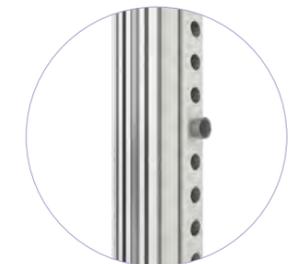


FRAMES

Connect the construction profile to the b62 frames using the D30 slot connector and the M8 pin.

Art. 901 830 001

Art. 901 2048 0066 E



bematrix xtreme | 51

DOUBLE DECK

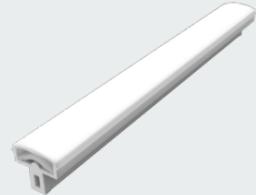
A strong bematrix connector that will connect the beConstruct to the Double Deck in an **angle/extension of 180°**! The possibility to add the beConstruct to the Double Deck gives you tons of new design inspiration, isn't it?

Art. 710 30 0216



PROFILE LIGHTLINE

Add a touch of LED light to your beConstruct profile by clicking in the **rubber profile add-on** for beConstruct. Then you simply push the LightLine into the groove of the 62 profile, connect, and your profile lights up!



PROFILE LIGHTLINE
Made of flexible rubber that arrives nicely rolled up in a box and is available in standard dimensions (992-2418-24480-2976-4960).

Art. nr 300 01 ++++



RUBBER PROFILE
With the rubber profile for beConstruct you can add the LightLine range to your beConstruct profiles

Art. nr 300 03 01



The add-ons

ADJUSTABLE FOOT

The adjustable foot for the beConstruct profile can be mounted on the underside of the profile to change its height. This can be helpful when you are dealing with uneven surfaces.



ADJUSTABLE FOOT
Sturdy aluminum foot for beConstruct

Art. nr 901 20 040

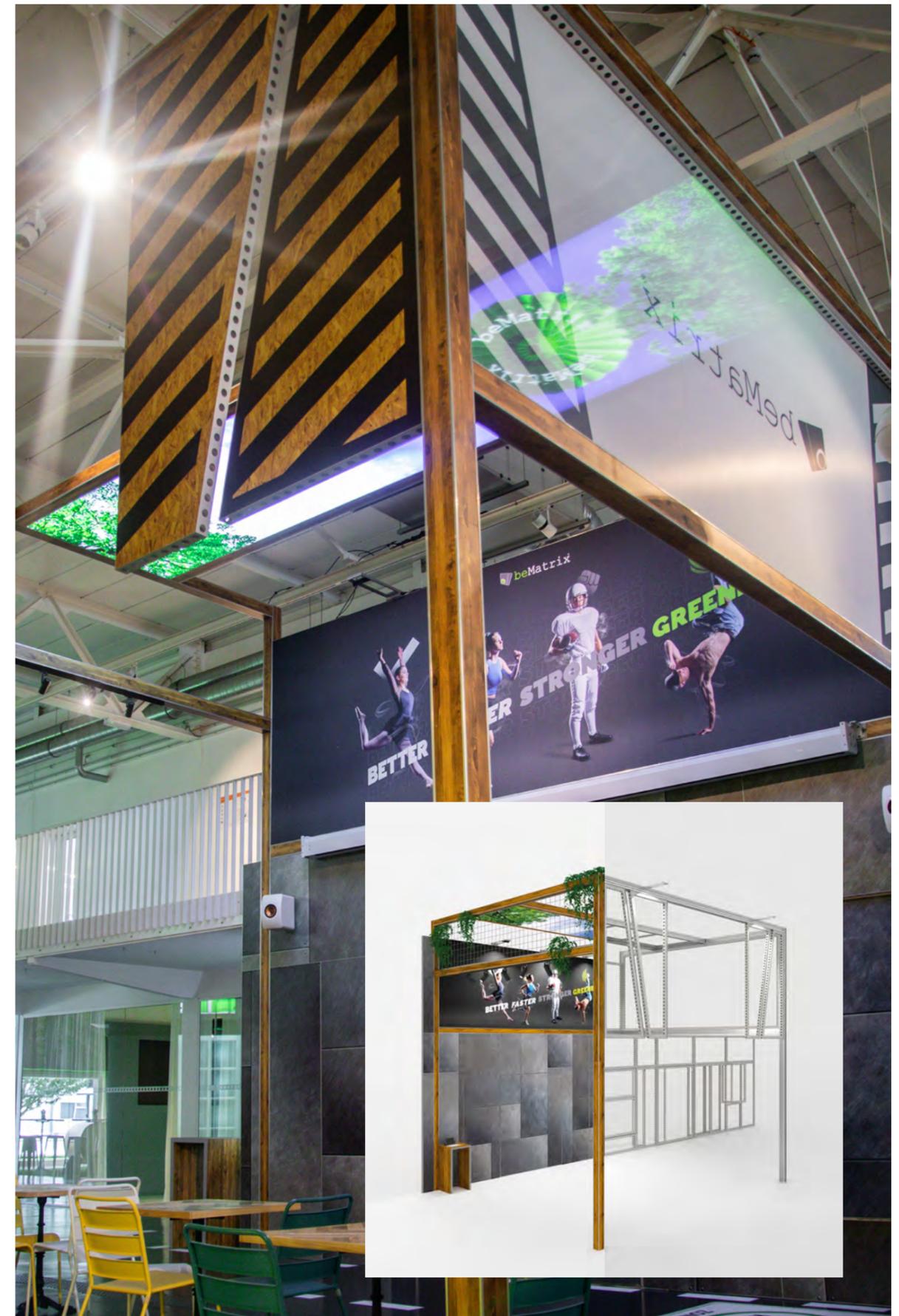
SUSPENSION CONNECTOR

All bematrix products have the common factor that they are made to build from the ground up to the ceiling. But for those special designs we created a rigging (suspension) connector, a super-strong connector with an eye to hang your beConstruct setup from the ceiling.



SUSPENSION CONNECTOR
Strong rigging connector for beConstruct

Art. nr 710 30 0220





YOUR RELIABLE PARTNER

SUPPORT

"Before, during and even after the completion of your project, bematrix is always at your service. Bematrix clients can rely on an extensive and innovative product range, creativity that manifests itself in inventive design, thorough technical and commercial support, flexible delivery times and all the benefits of a strong, cohesive international sales network."

My bematrix

CO₂ CALCULATOR

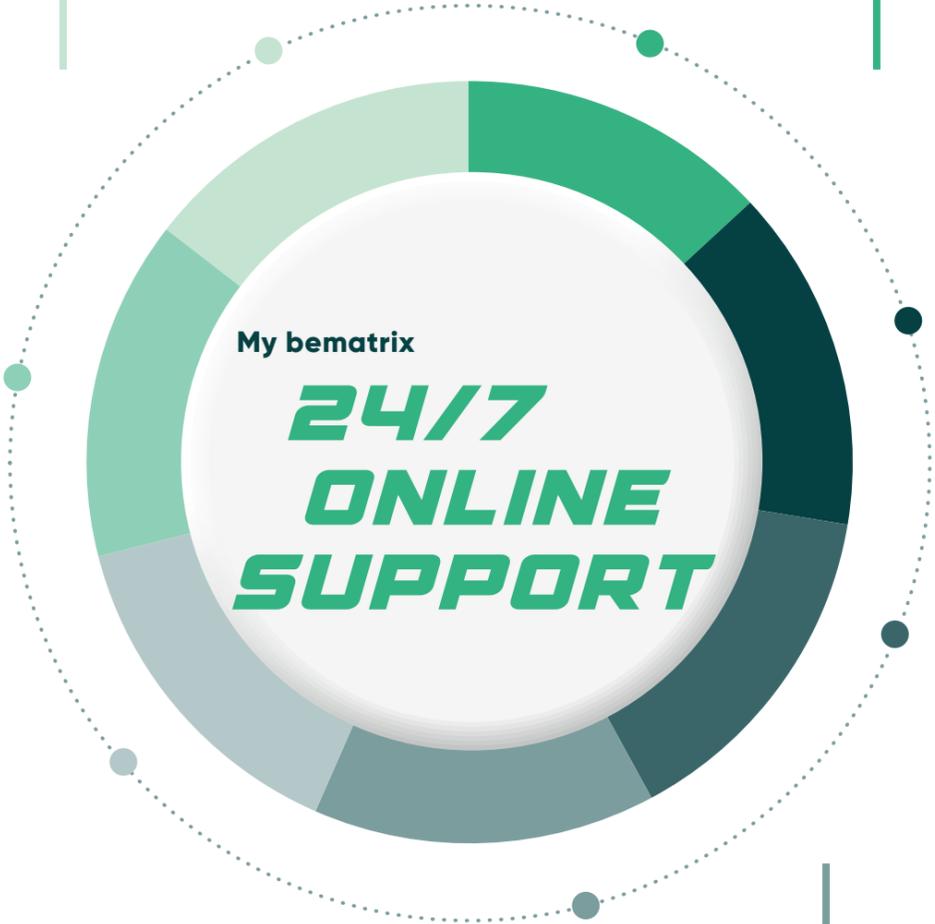
Calculate the CO₂ footprint of your stand and finish.

KNOWLEDGE BASE

A database full of inspiration, instructions, panel plans, 3D files, brochures and FAQ's.

BECAD

Easy design, calculation and automation for all your bematrix projects.



TRAINING

Find a complete training calendar with both online and live training all over the world.

BEPARTNER NETWORK

A database of audited partners that can support our customers with LEDskin®, content, printed panels or textiles.

BEMASTER NETWORK

Access highly skilled builders all over the world through the beMasters network.

ORDER SUPPORT

Manage both your purchase and rental quotes in one dedicated area.

Global Rental Network

The Global Rental Network is a **network of service centres** holding a large range of bematrix products, **spread all over Europe, the UK and the USA**. Thanks to this network, you do not have to ship your bematrix stock between locations, but you can use the large stock available locally. Moreover, the availability of frames is almost unlimited, even allowing you to build exceptionally large projects.

LOCATIONS

EU locations + USA locations:
Atlanta & Las Vegas.

We offer two different renting options at a favourable price and, maybe even more interesting, the possibility to spread the cost of your bematrix project.

Short-term renting has a typical run time of 1 day to 6 months.

Long-term renting has a minimal run time of 6 months with a minimum of 50 frames. Both rental plans can also be combined, to meet your specific needs.



BENEFITS

- ◆ Short-term or long-term rental (or combine both)
- ◆ Large local stock
- ◆ Local showroom near to you
- ◆ Technical advice and excellent service
- ◆ Test builds possible
- ◆ No extra storage space needed



Find and contact us

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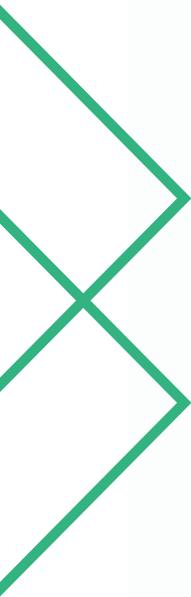
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