



FURNITURE - DESIGN - FOAMCOATING



BELGIUM | AFRICA | CHINA | NORTH AMERICA | INDIA | JAPAN | RUSSIA | ARGENTINA | MIDDLE EAST | COLOMBIA | MEXICO



ABOUT



**“ IT IS NOT HOW  
GOOD YOU ARE AS  
A COMPANY , IT IS  
HOW YOU WANT  
YOUR CUSTOMERS  
TO REMEMBER YOU  
WORK HARD STAY  
HUMBLE. ”**

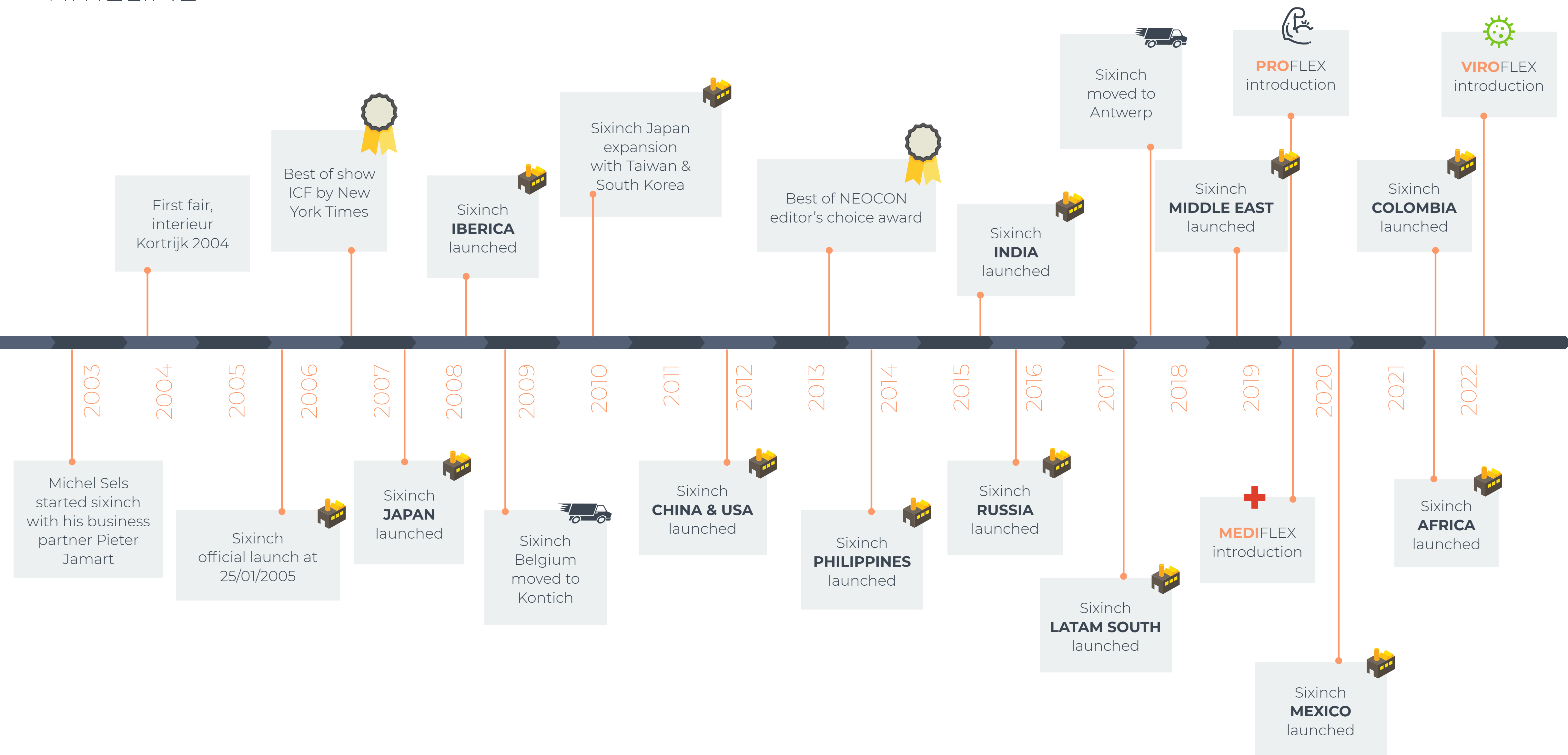


**Michel Sels**

Founder **SIXINCH** Global

Michel started his career with the company ALLSHOP in the display and mannequin industry, he supplied the showrooms of Dries van Noten, Levis, Etam, and many others. He also had his own mannequin manufacturing company ACB displays. In 2003 when he met Pieter Jamart and shared the same passion for foam and coating they decided to launch SIXINCH. Pieter stepped out of the company at the beginning of 2020 to proceed new adventures. Sixinch has grown since the start and continues to grow with new factories in Dubai, Mexico and Colombia. Currently active with 11 factories worldwide covering many countries. Colombia , Africa and Turkey will open soon. SIXINCH focus is to collaborate with designers and architects creating vibrant and exciting furniture pieces. Iconic environments are crucial these days to promote and breath our clients spirit.

# SIXINCH TIMELINE





# FOAMCOATING







# 01

## MEDIFlex +

MediFlex is a new coating based on a 3-layer system just like FlexPlus but with the second layer being extremely thin and flexible. The endlack has a soft, smooth feel and look. A semi strong coating for indoor use.



# 02

## FlexPLUS

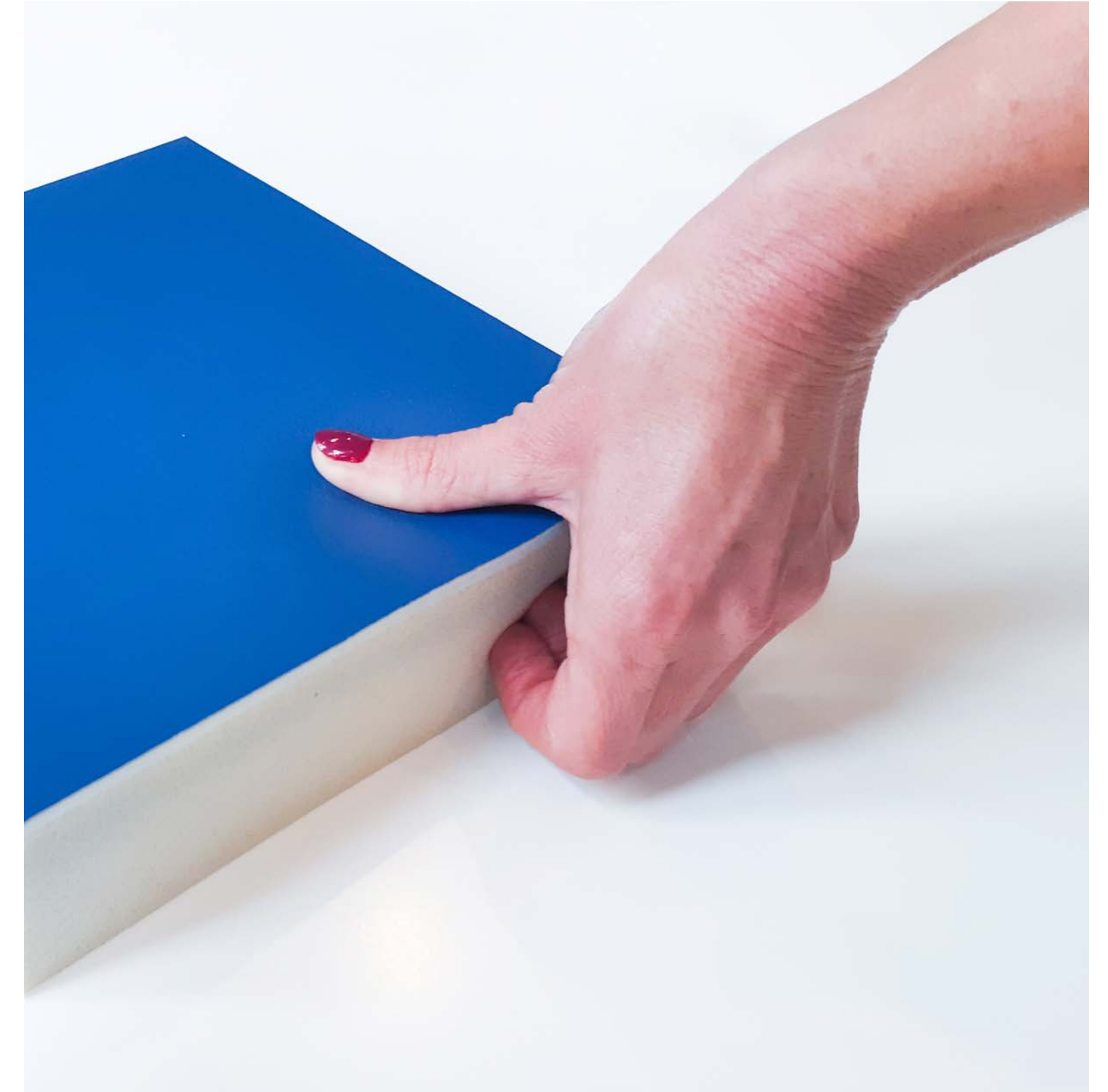
While expanding the company we needed a stronger and waterproof coating. To answer this need we developed FlexPlus. A very strong 3 layer 2 component coating suitable for heavy use which is also 100% waterproof. For inside and outside use.



# 03

## PROFlex

ProFlex is a very durable, strong yet flexible coating designed for tough environments where the furniture needs to be extra sturdy. It is composed of a primer and two PU layers. Very durable. For inside and outside use.

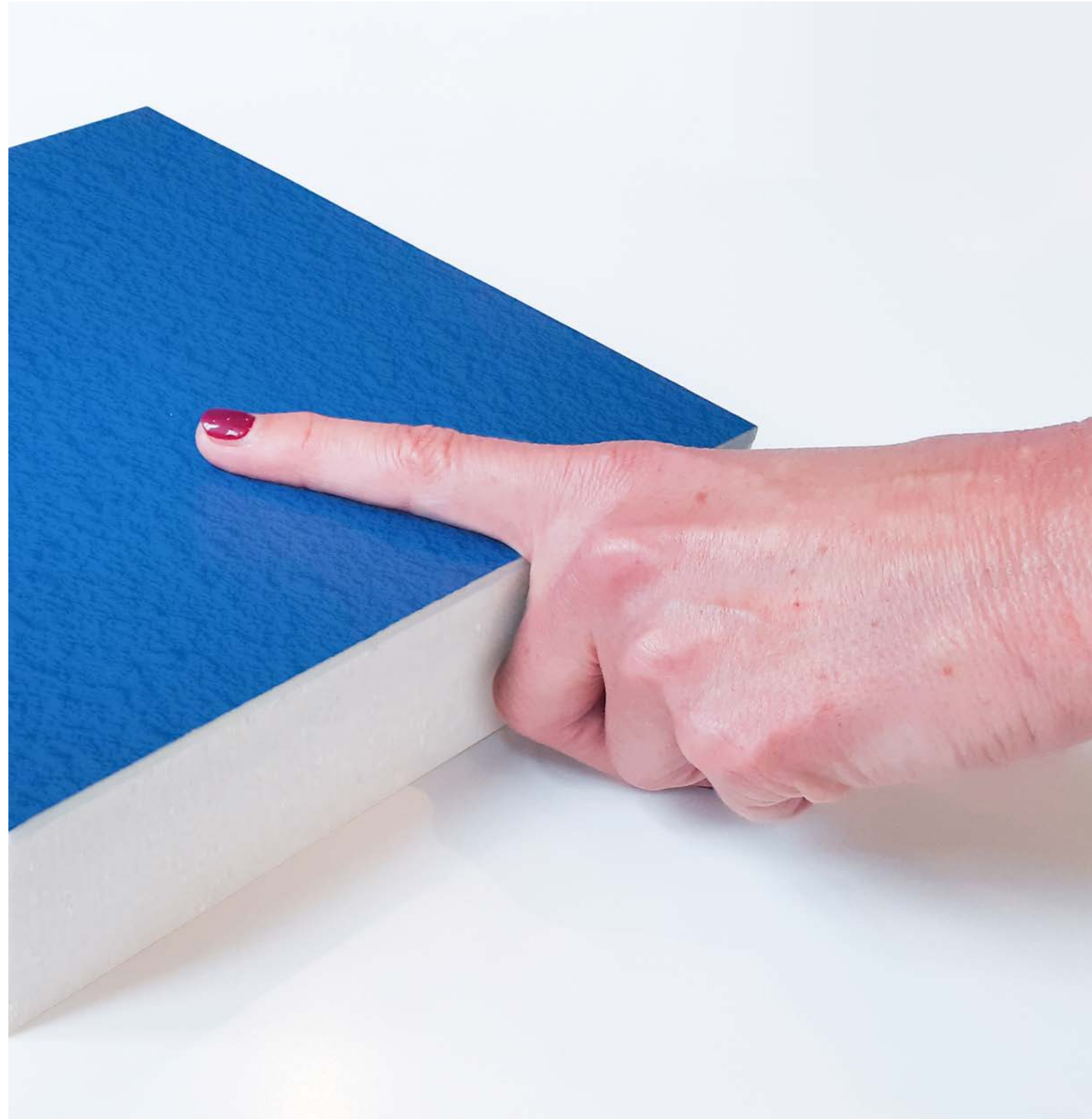




# 04

## HARDCoat

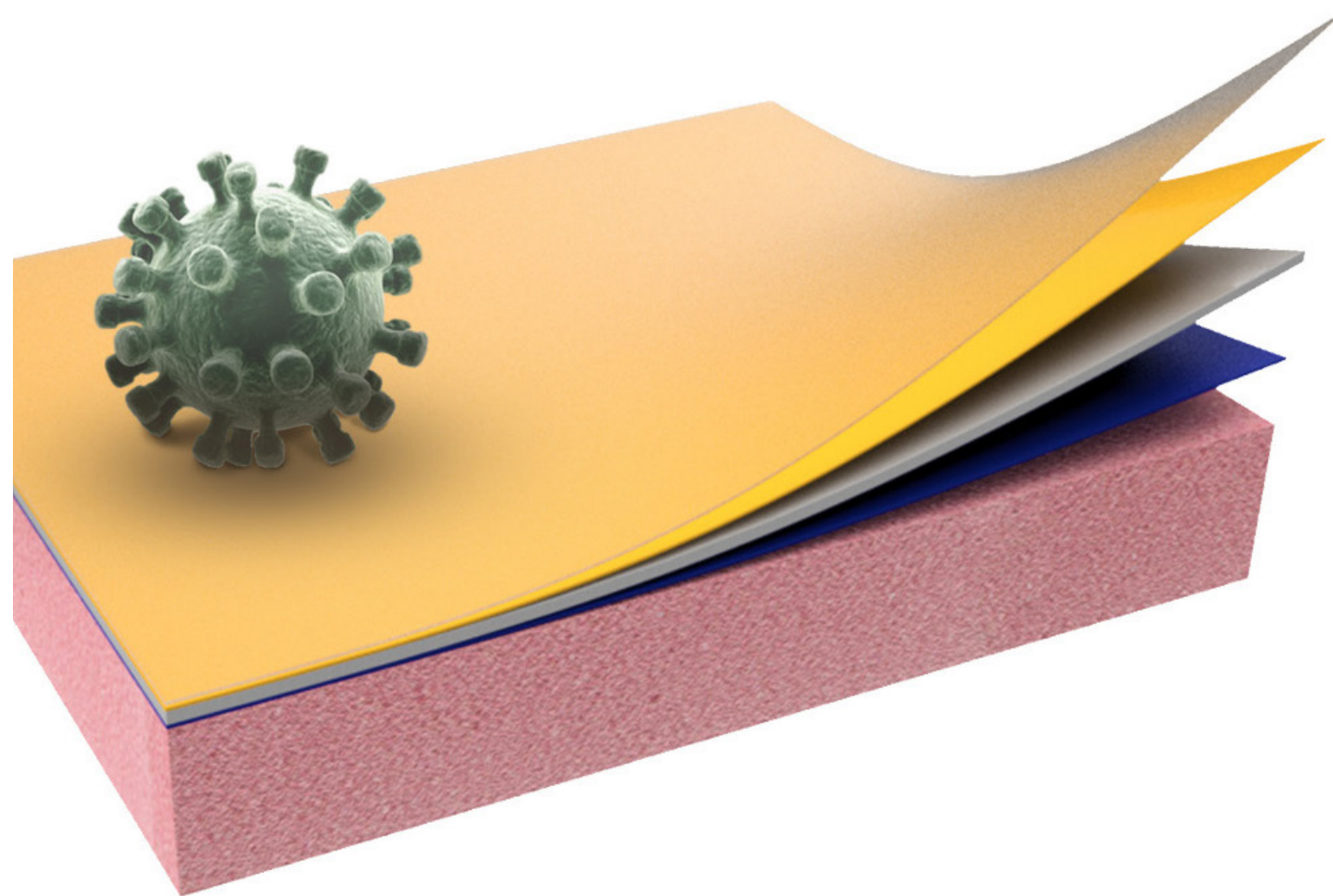
This coating is applied on EPS Styrofoam and is rock hard. It is comparable to polyester. With this coating we can make structural pieces and supply furniture for the highest traffic areas on the market.



# 05

## VIROFlex

- 99.6% kill rate in 60 minutes
- Eliminates bacteria / virus / funghi
- Deep into the top layer + 12 year
- 100% toxic free system / harmless
- Self sanitizing system on a constant level
- UV stable and soft touch feeling
- Indoor / outdoor – smooth surface
- Anti-virus, bacterial & fungal layer



# 06

## RECYCLED Foam

- Foam 100 up to 160 kg/m³
- 2nd life recycled foam
- Heavy & strong
- Less flexible
- Rough surface when coated
- Limited sizes and blocks
- Suitable for medium sizes



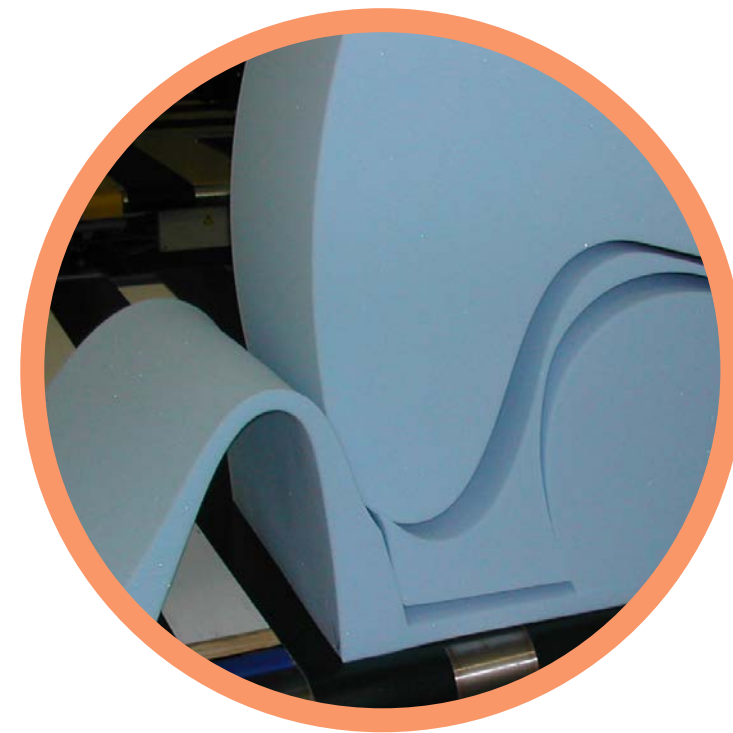




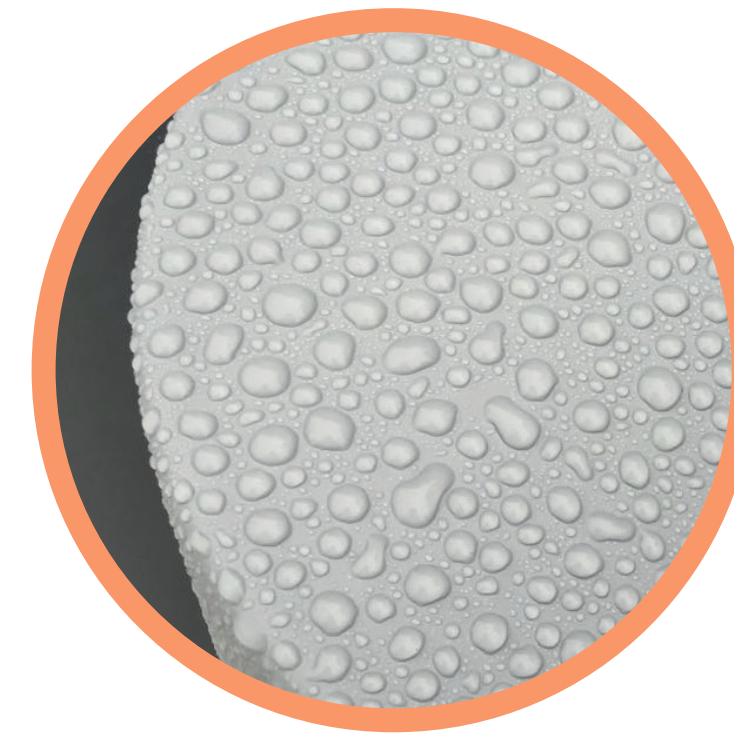
ADVANTAGES



**SEAMLESS**



**NO MOLDS**



**WATERPROOF**



**EASY TO CLEAN**



**ALL SHAPES**



**ALL COLORS**



**FLEXIBLE**



**RECYCLABLE**

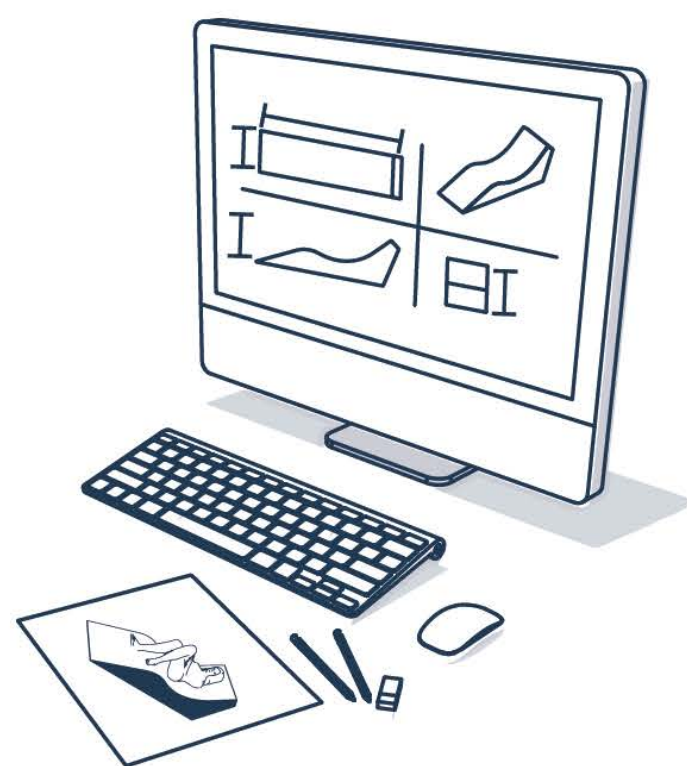




HOW DOES IT WORK?

# 01

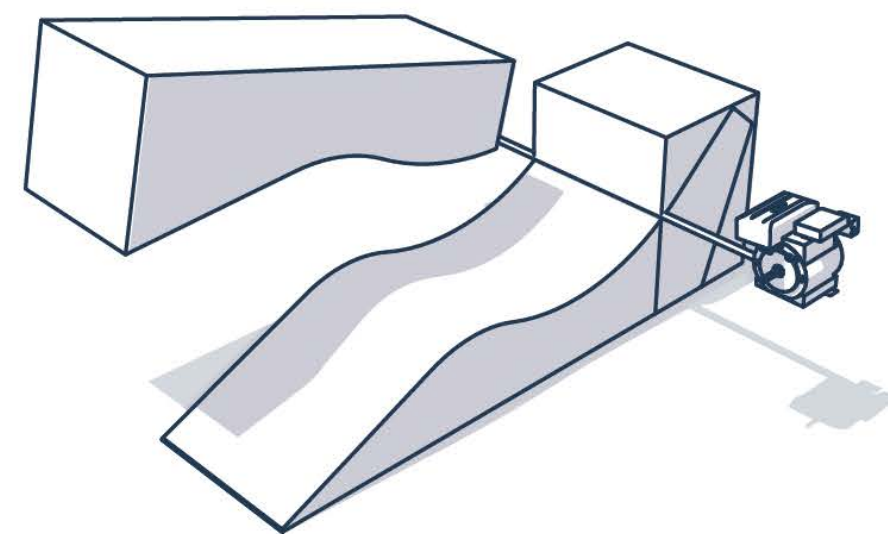
Design creation



SCAN

# 02

Foam cutting



SCAN

# 03

Coating

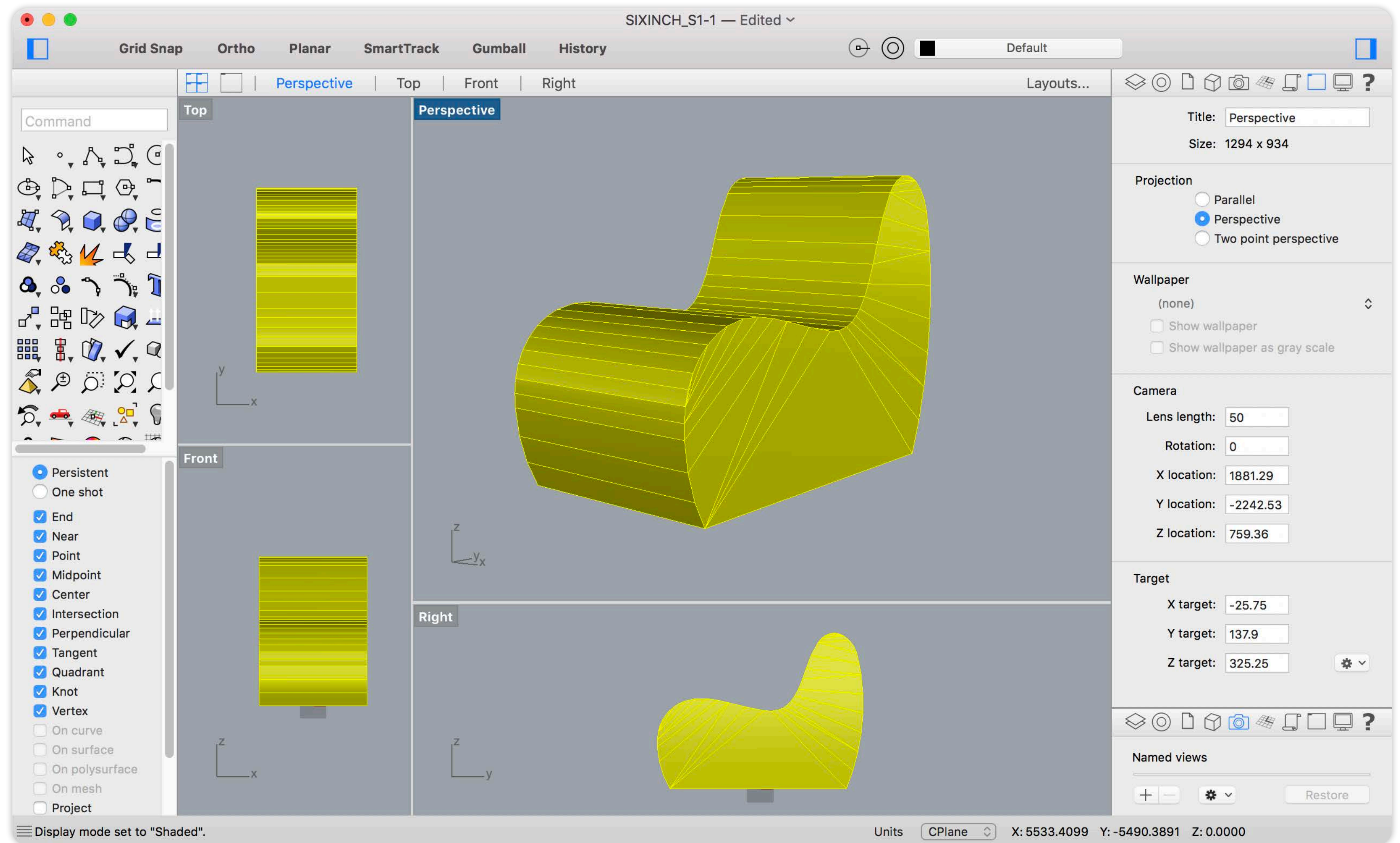


SCAN

# 01

## Design creation

Enjoy the liberty to sketch / CAD draw your own custom design. This design will be converted in to a STEP, DXF or DWG file and exported in the CNC cut machine of the foam supplier.





# 02

## 2D Foam cutting

When the file is imported the CNC cutter is getting to work and cuts your design out of a big block of foam of the chosen density. After a short amount of time the foam is cut and ready for the next step.

Q354

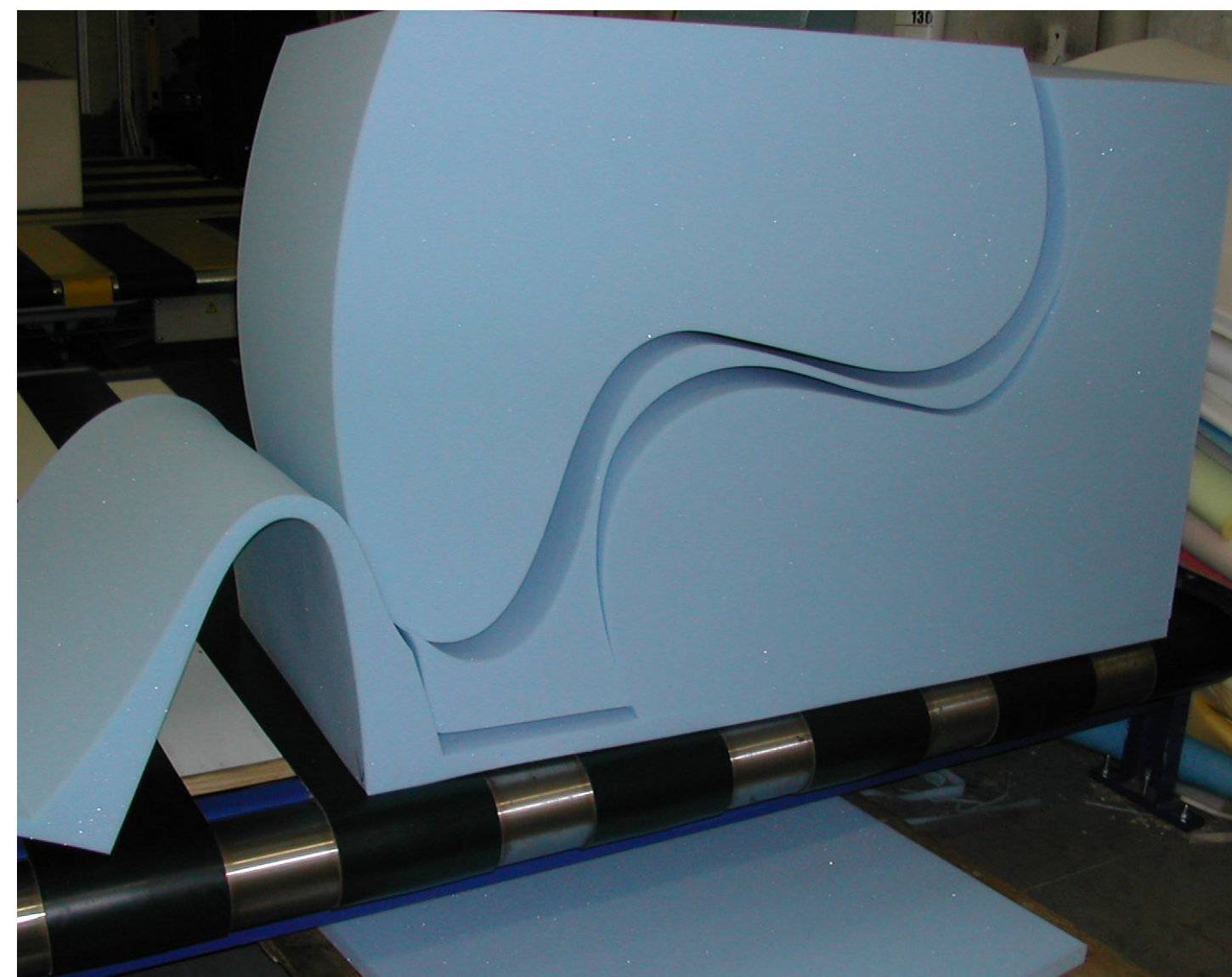
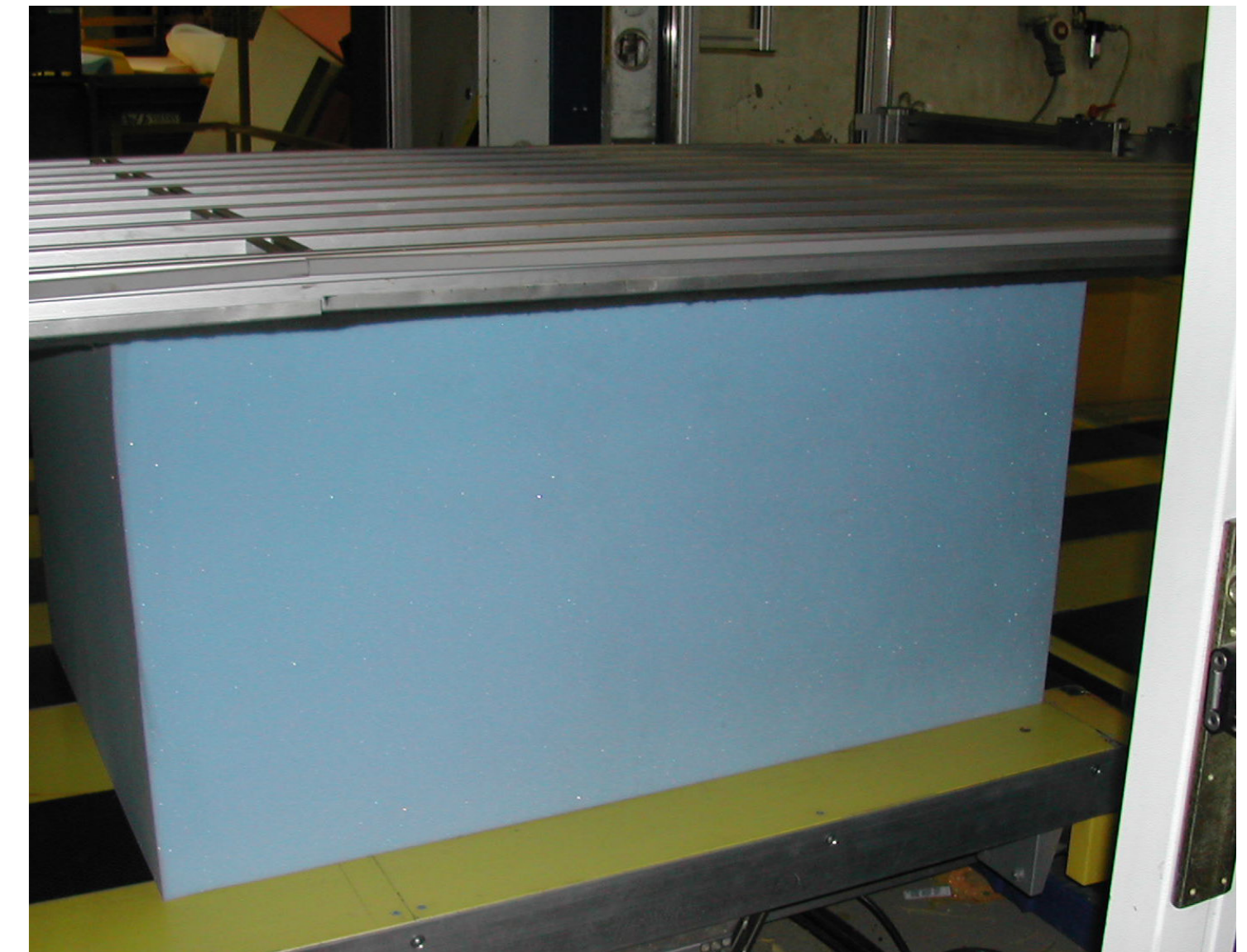
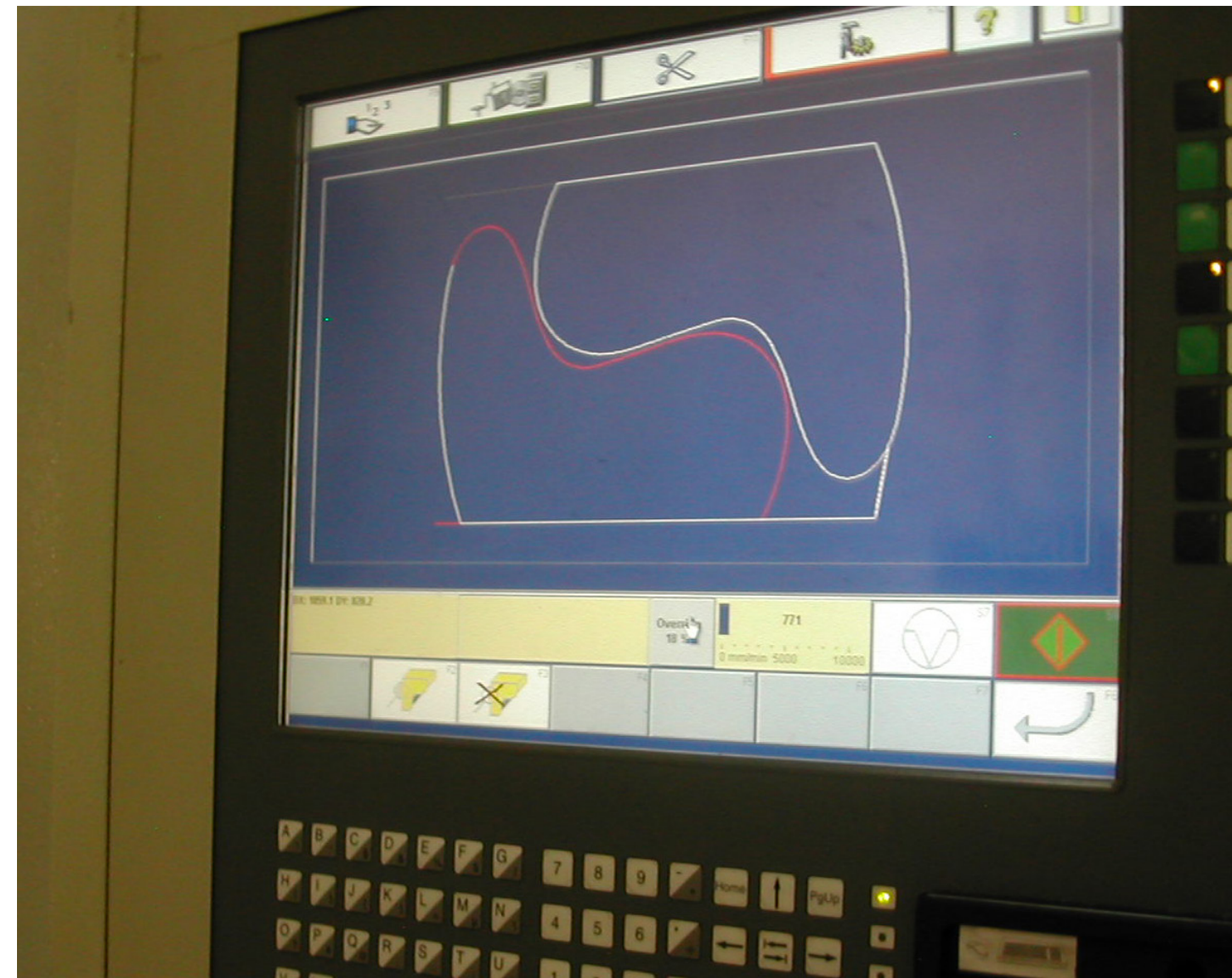
Q404

CM60

CM46

recycled

Q653





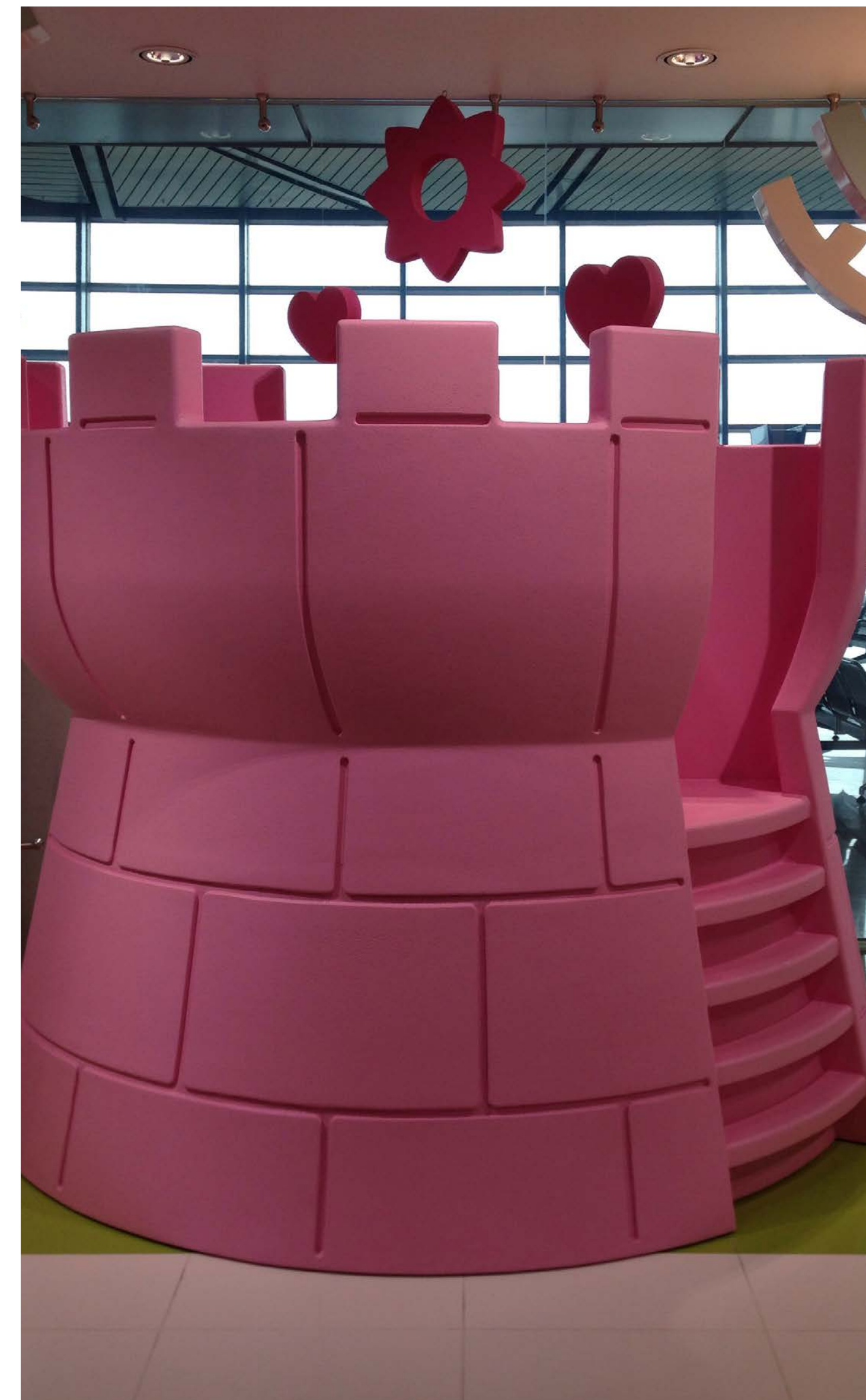
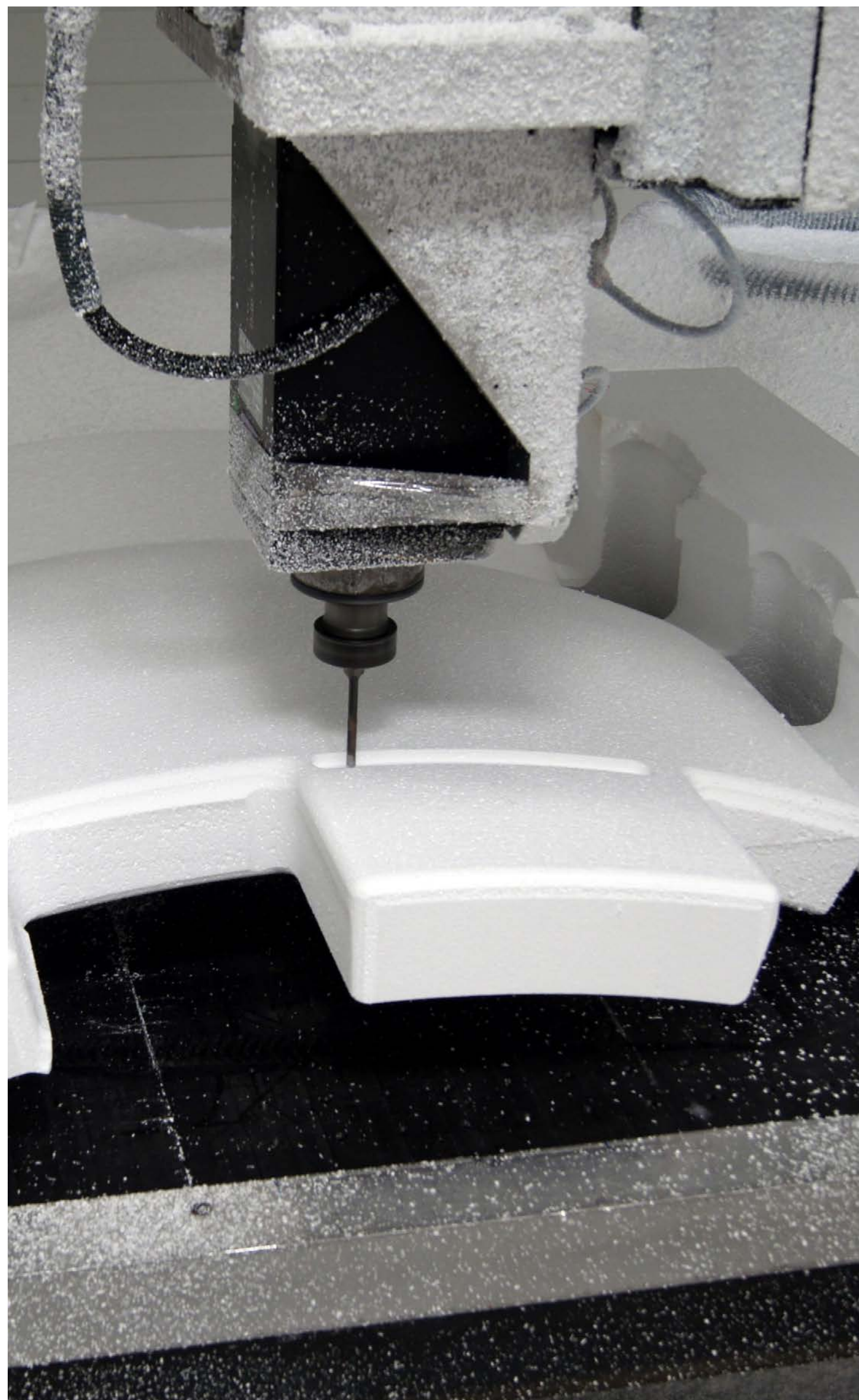
# 02

## 3D Foam carving

When the file is imported the CNC cutter is getting to work and cuts your design out of a big block of foam of the chosen density. After a very short amount of time this is done and the foam is ready for the next step.

EPS

Q653





# 03

## Coating

First layer is the primer which gives the adhesion to the foam whilst closing any holes. Second layer is a high quality PU layer which gives the strength to the coating. Last layer is the topcoat / color layer. This coating cures overnight. The product is ready to ship the very next day.



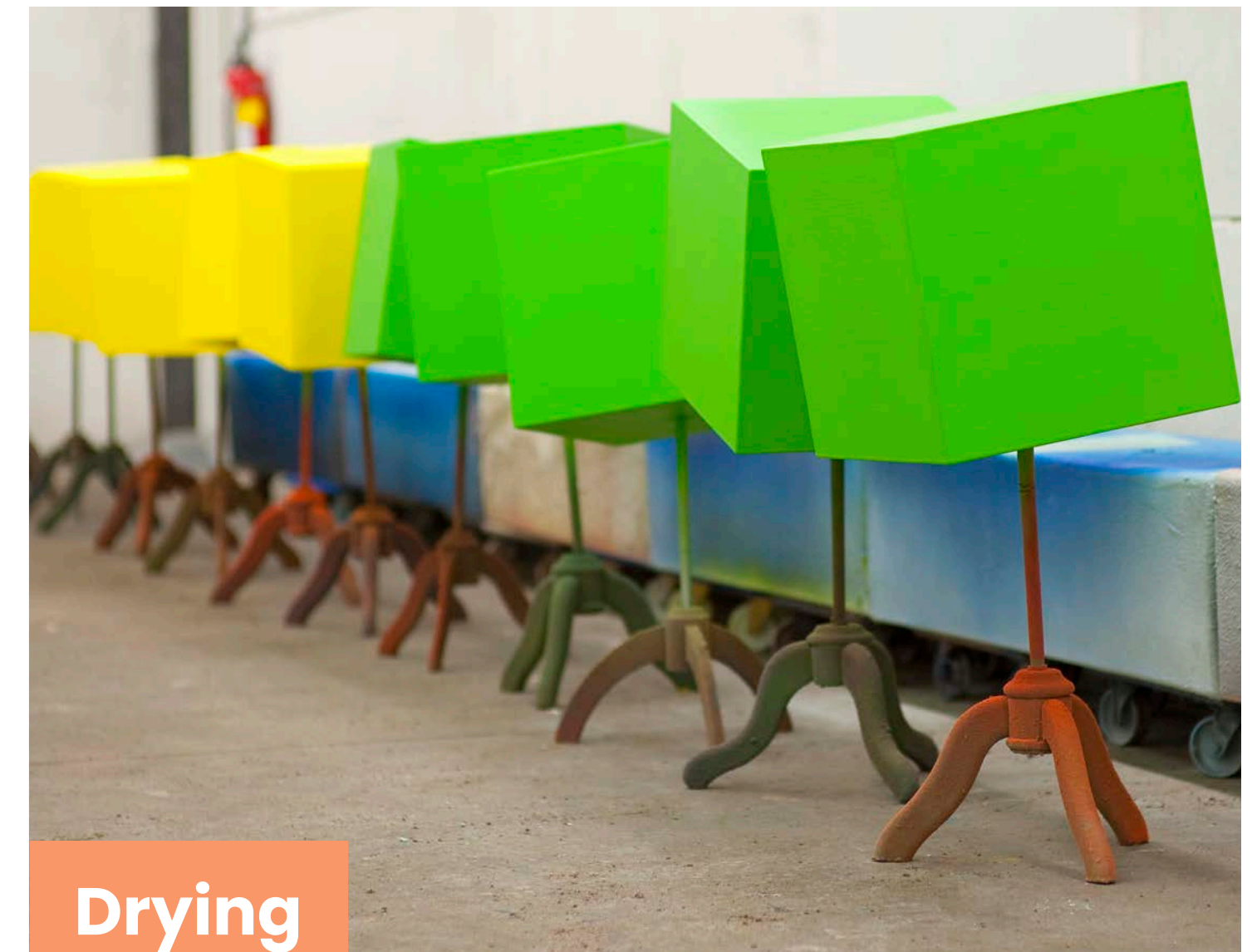
**Webbing**



**Polyurea**



**Topcoat**



**Drying**





VIROFLEX 

A S E L F S A N I T I Z I N G C O A T I N G

**VIROflex** formulation is a one-component polyurethane-polysiloxane additive which has the characteristic of being a disinfectant and has a mechanical and non-chemical effect on micro-organisms. The component is made up of microscopic-sized spikes which act on viruses, bacteria or fungi by making them explode when coming in contact with the spikes.

Against **COVID-19**, its immediate effect has been demonstrated in a university laboratory.

Test 1 op 09/10/2021 by the **Giga Institute, Molecular Biometric and Protein Engineering Laboratory.**

Test 2 op 19/08/2021 by the **University of Liege (ULG), Department of Morphology and Pathology**

Its action is permanent , it is resistant and durable. Its effectiveness does not deteriorate over time. Stays active for a life time whilst being deep incorporated into the color layer.

Can be used in our : **FLEXPLUS™** , **MEDIFLEX™** and **PROFLEX™** coatings.

**Fase 01**

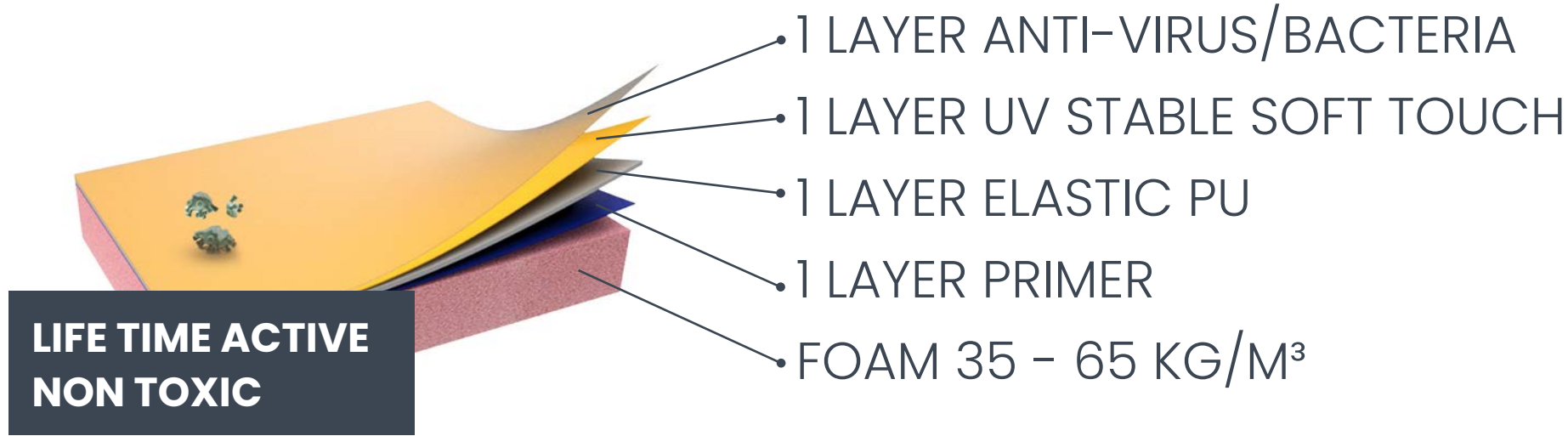
The virus or bacteria particles comes in contact with the coating. The coating is already reacting and starting to destroy the particles.



**ANTI BACTERIAL  
VIRUS / FUNGUS**

**Fase 02**

Having surpassed the 30 minute mark the virus particles have now been destroyed for 60%.



**LIFE TIME ACTIVE  
NON TOXIC**

**Fase 03**

A total of 1 hour has passed since the virus/bacteria particles have made contact with the coating. You can be assured that by this time 99.8% of the particles have been killed/destroyed.



**99.8% KILL RATIO  
SELF SANITIZING**





RECYCLED 





As of 2022 we use new recycled end stops into the bottom : as part of the evolution in our production process

Apart from being able to supply recycled foam , better known as REBOUND foam ([www.onlinefabricstore.com/makersmill/rebond-foam](http://www.onlinefabricstore.com/makersmill/rebond-foam))

Where we can offer the customer different densities in this foam. We are able to recycle our seats / furniture for 98%. At the end of their lifecycle the product returns towards our factory to be taken apart. The example above here is from a customer where the product was supplied in 2012.

Although the product was still ok the client wanted to replace it by a new product.

**STEP 1** : the old piece was returned and we took the skin of the foam. If the foam left over is too small / damaged it returns to the foam factory to get shredded and to get a second life as rebound foam. In this case the foam piece was more than big enough.

**STEP 2** : the top part is shaved off along with the sides, this way each new side is nice and straight.

After this the new files are loaded and the CNC cutters cut out the new shapes.

**STEP3** : Smaller cut-off pieces are shredded and used towards the production of rebounded foam. So also here we go to ZERO waste.

The only thing which remains as waste is the skin. At of this moment we are testing several options on how to also reuse this skin after shredding , to add into the molded foams or rotations molded units.





SIXINCH DESIGN



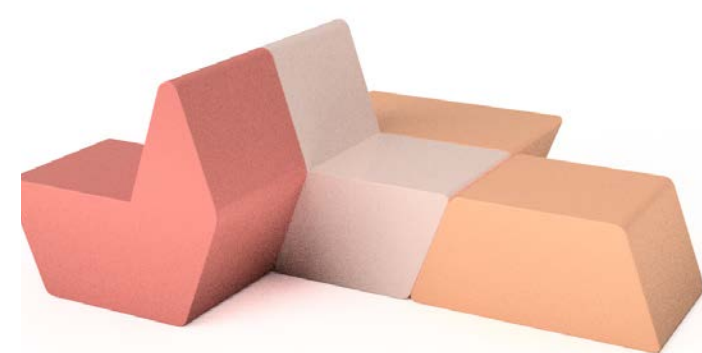
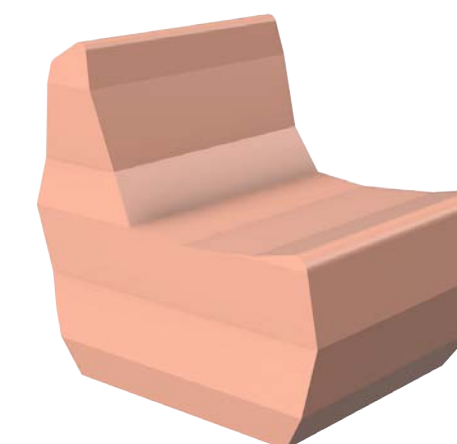
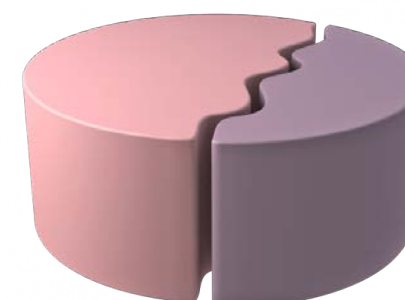
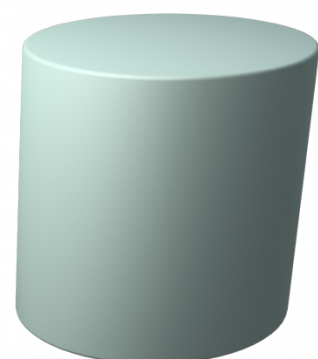


COLLECTION



# 01

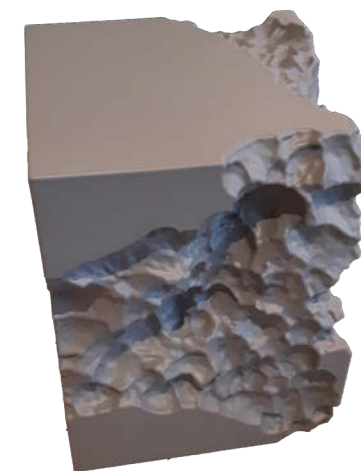
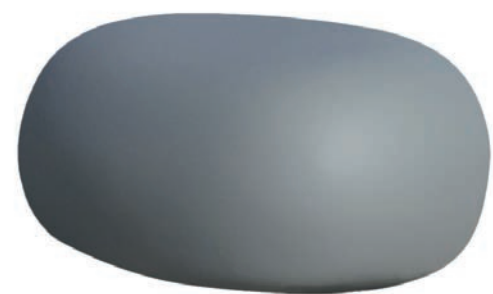
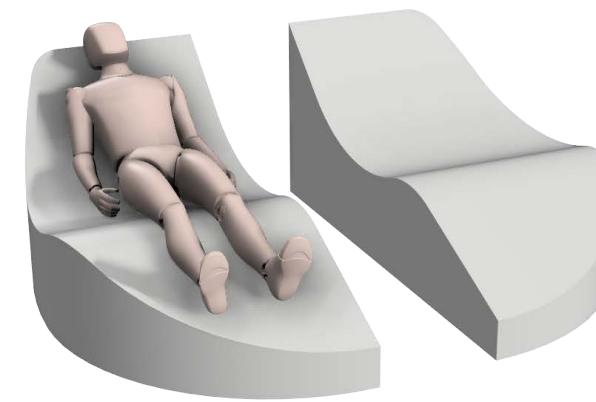
Our Collection





# 01

## Our Collection



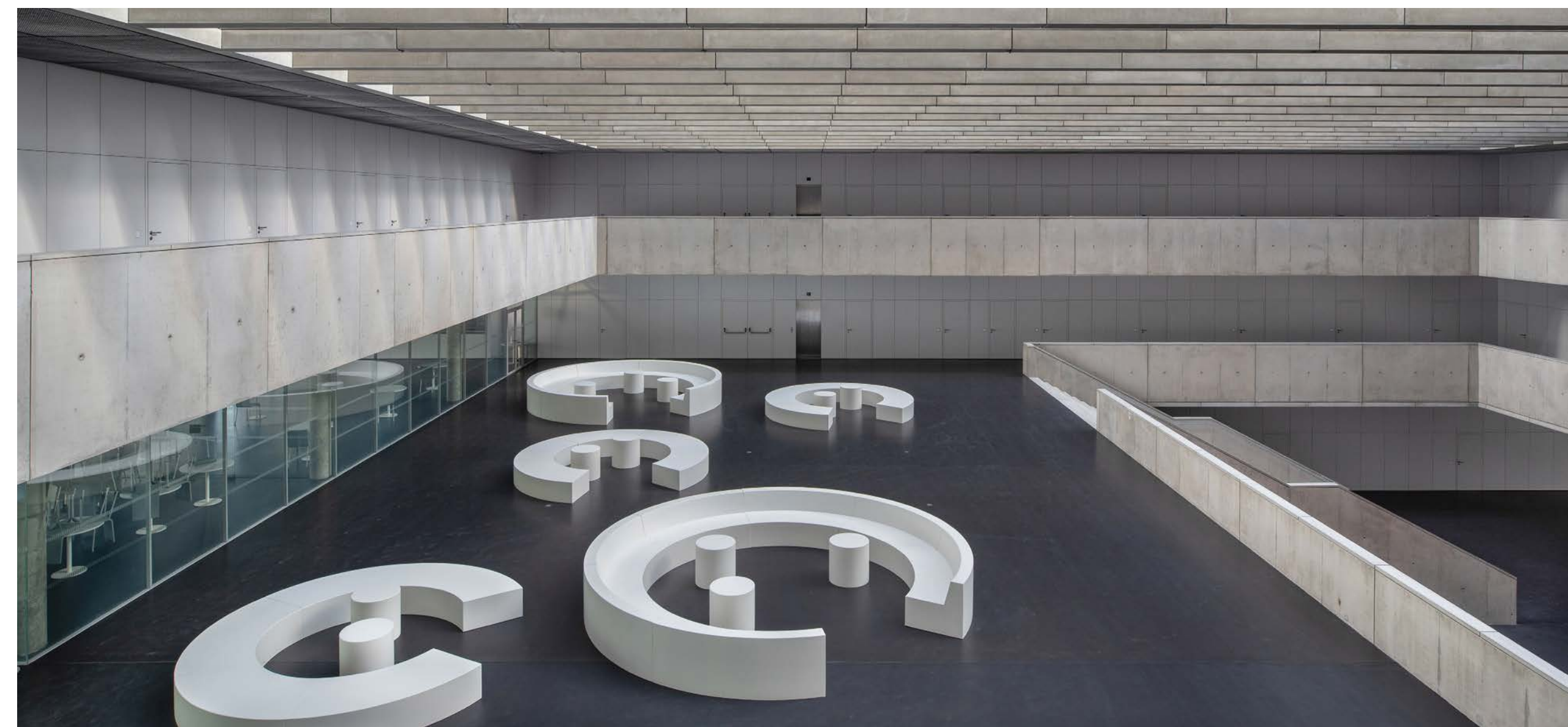
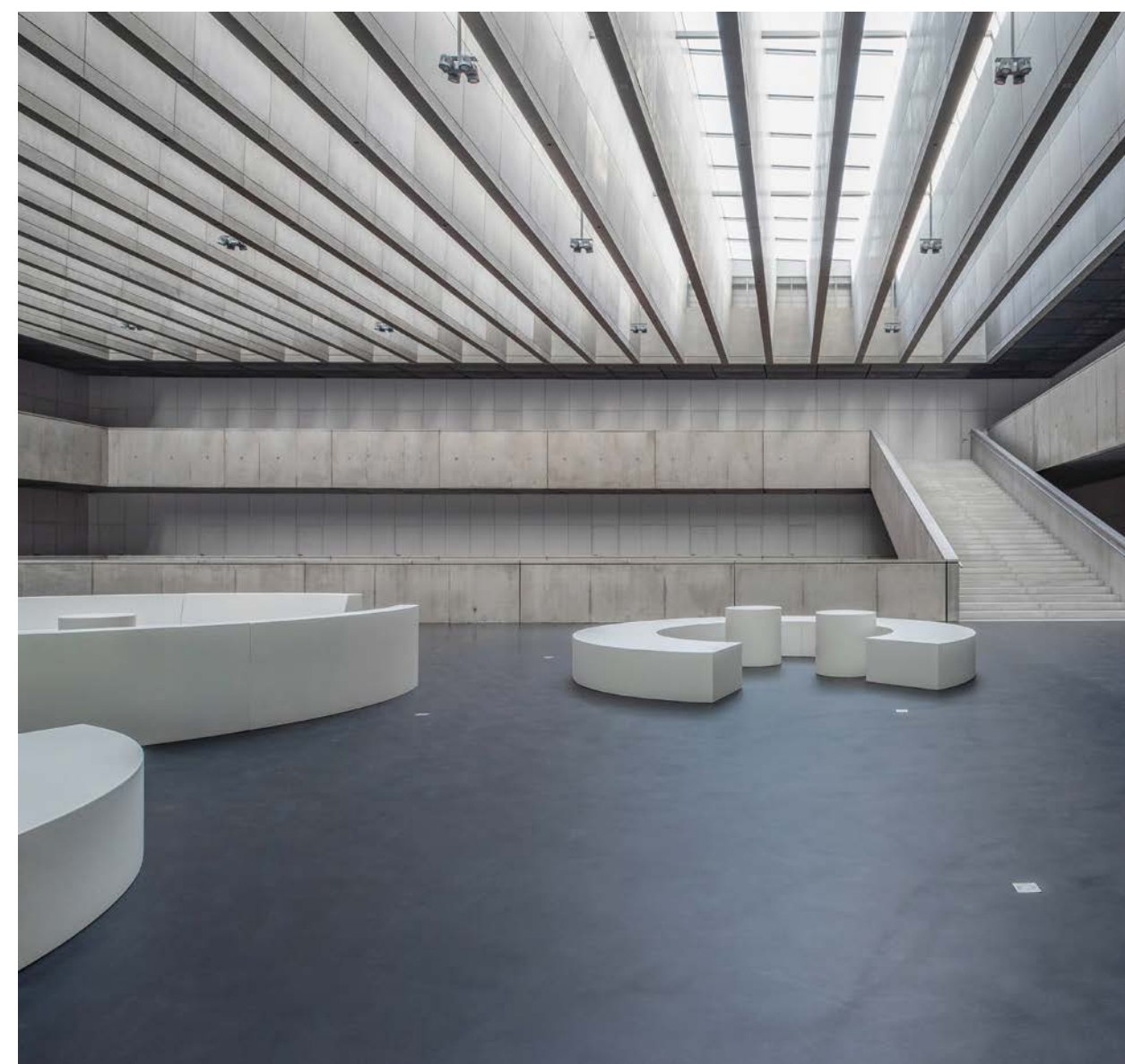
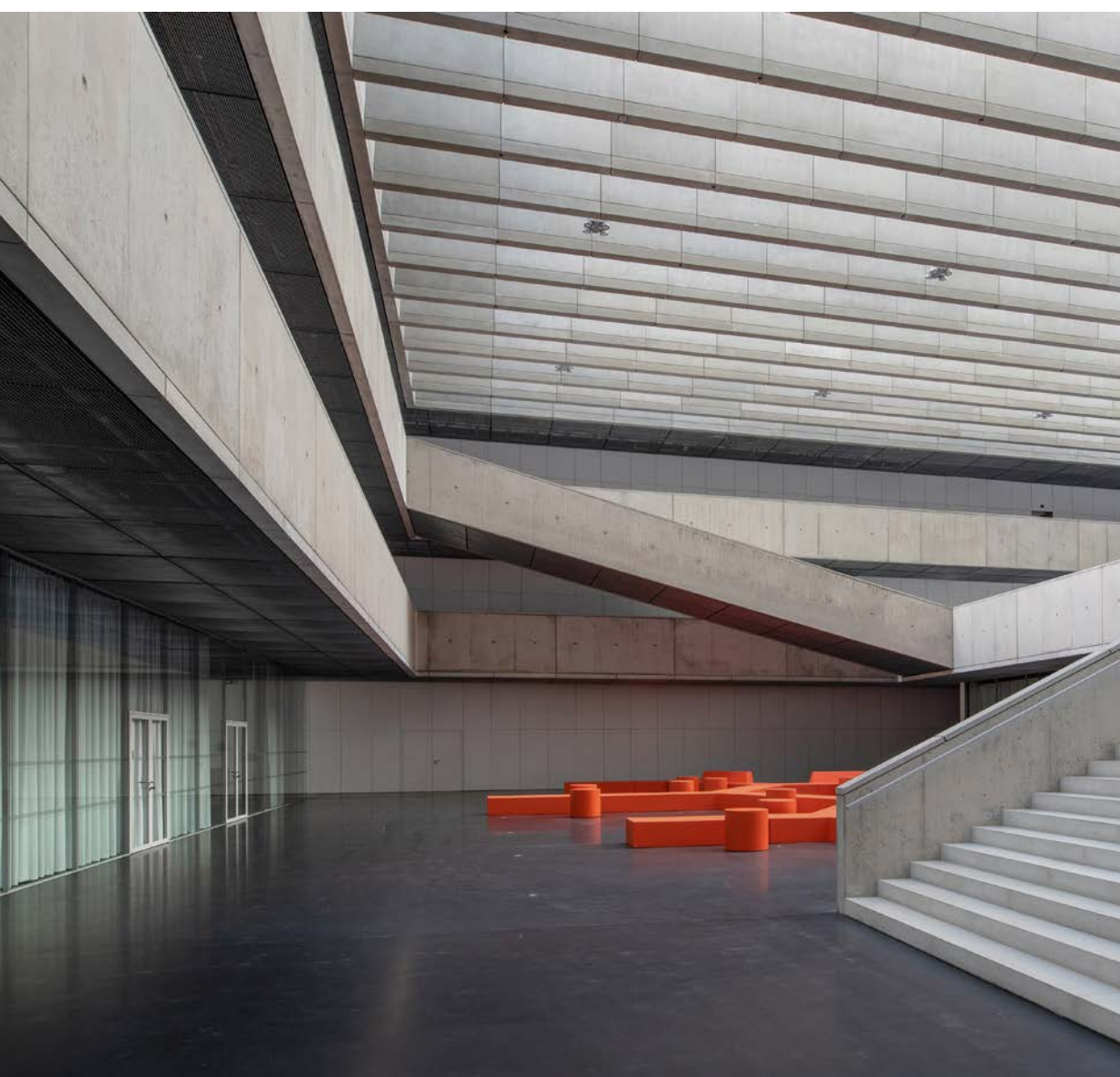
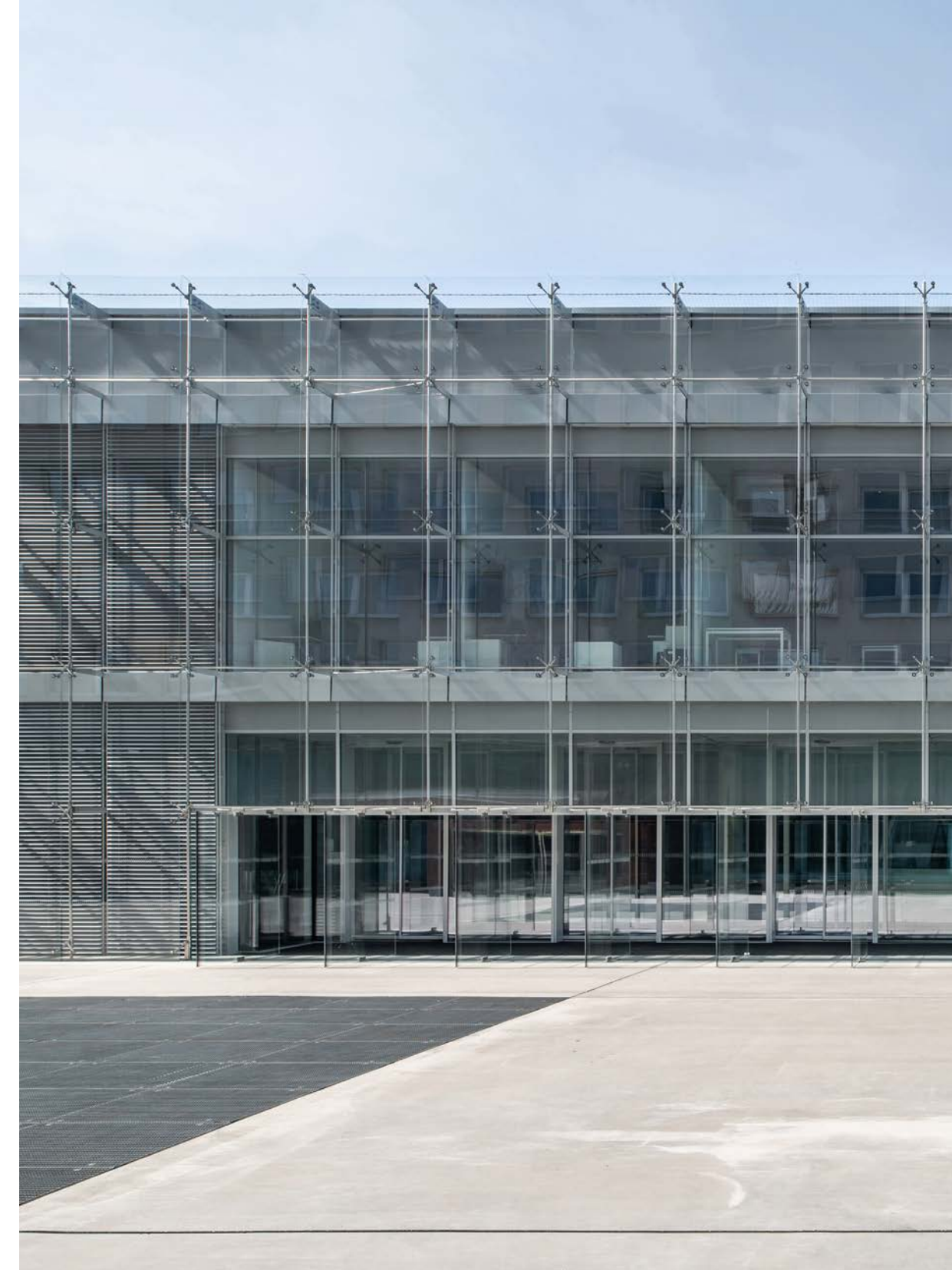
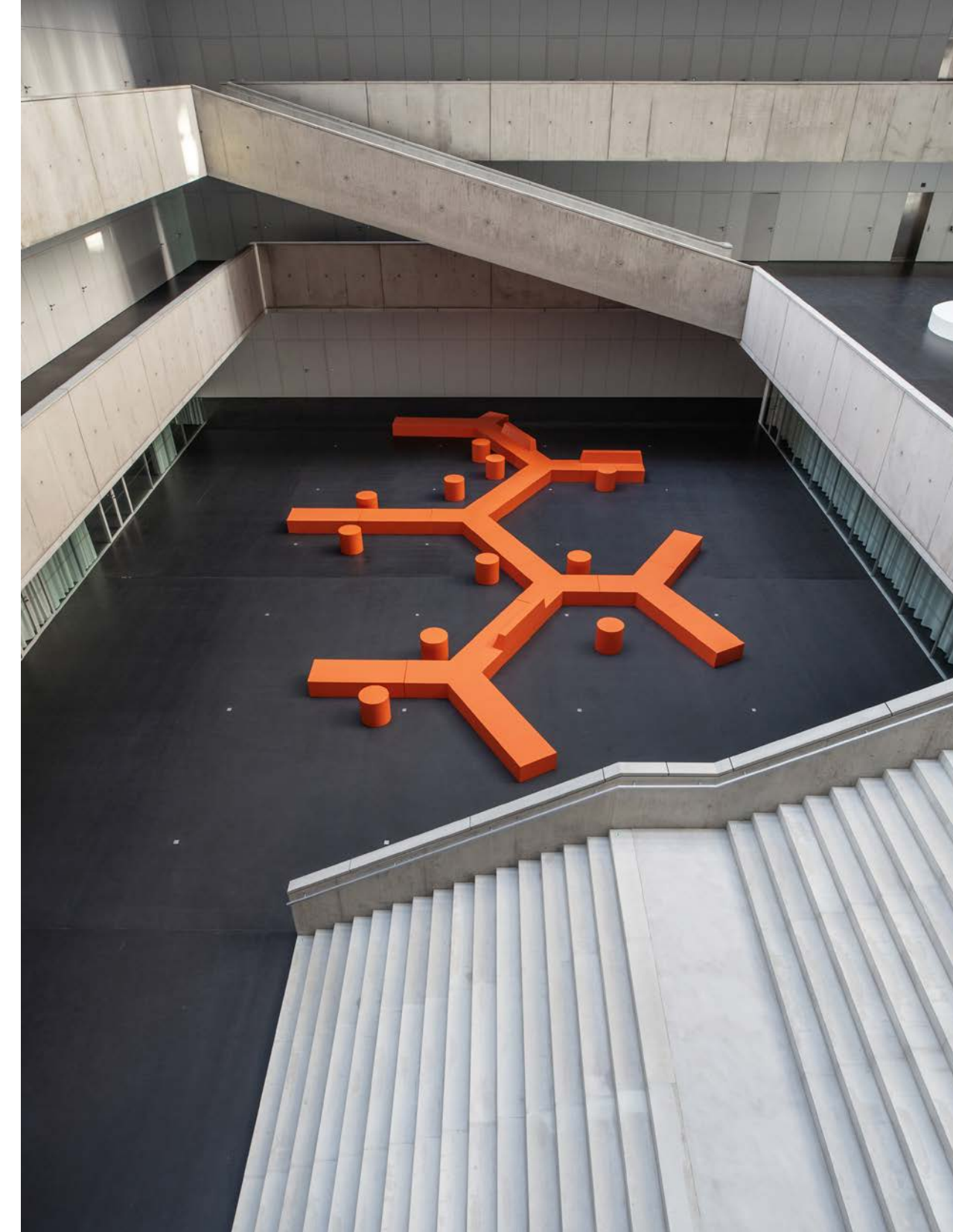


# PROJECTS

























Jo *Kartman* as he presents  
**RIVER MUST FLOW**

With Special Guest  
**DJ OLIMPIA**  
April 14, 2016  
Cocktail party with Martin 6:30 PM  
DJ Koolha 8:00 PM

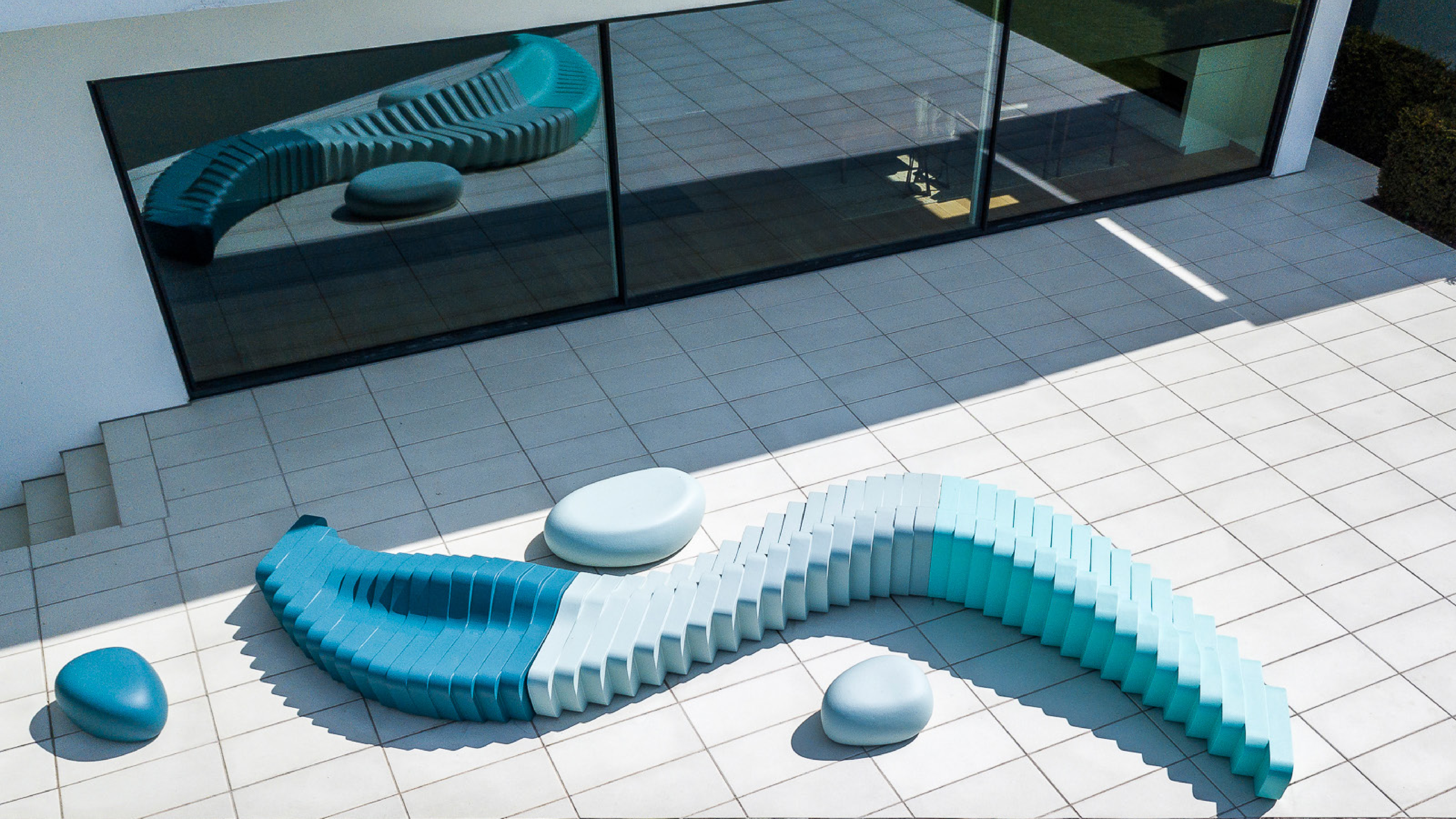
Kartman

sixinch





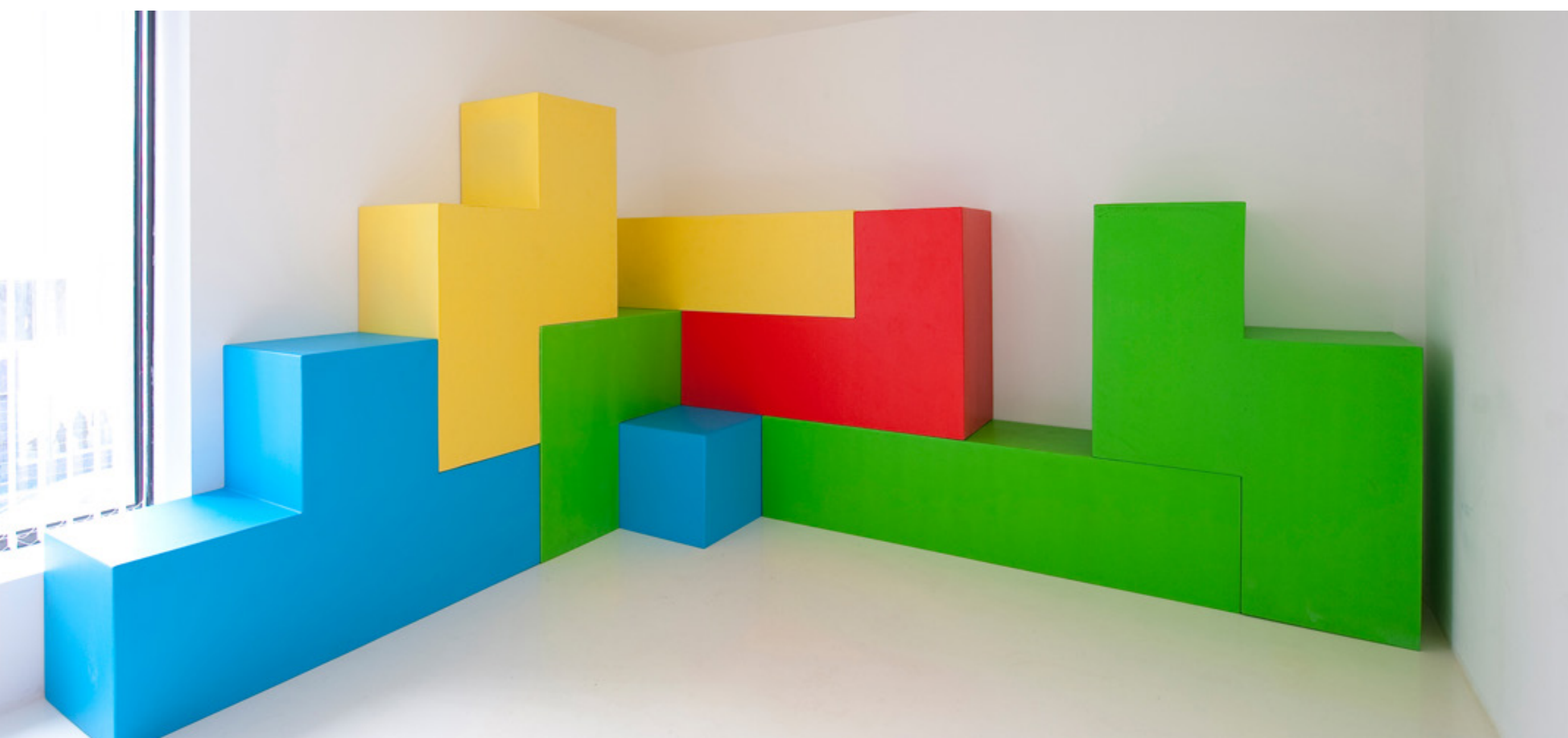




















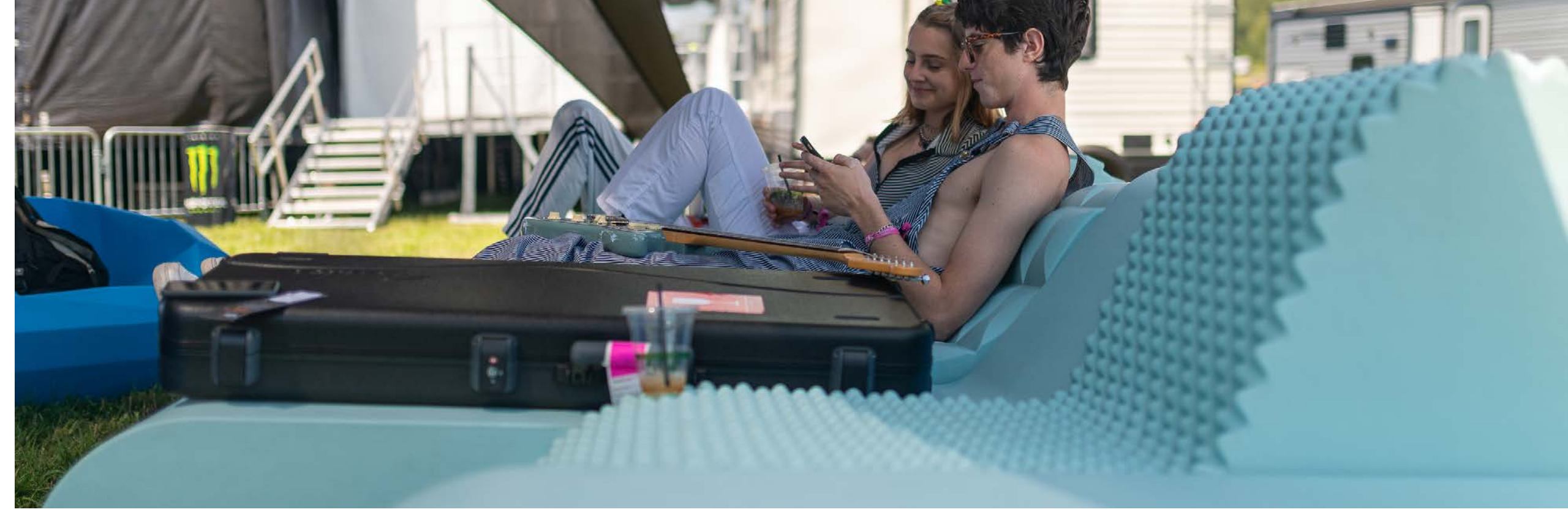








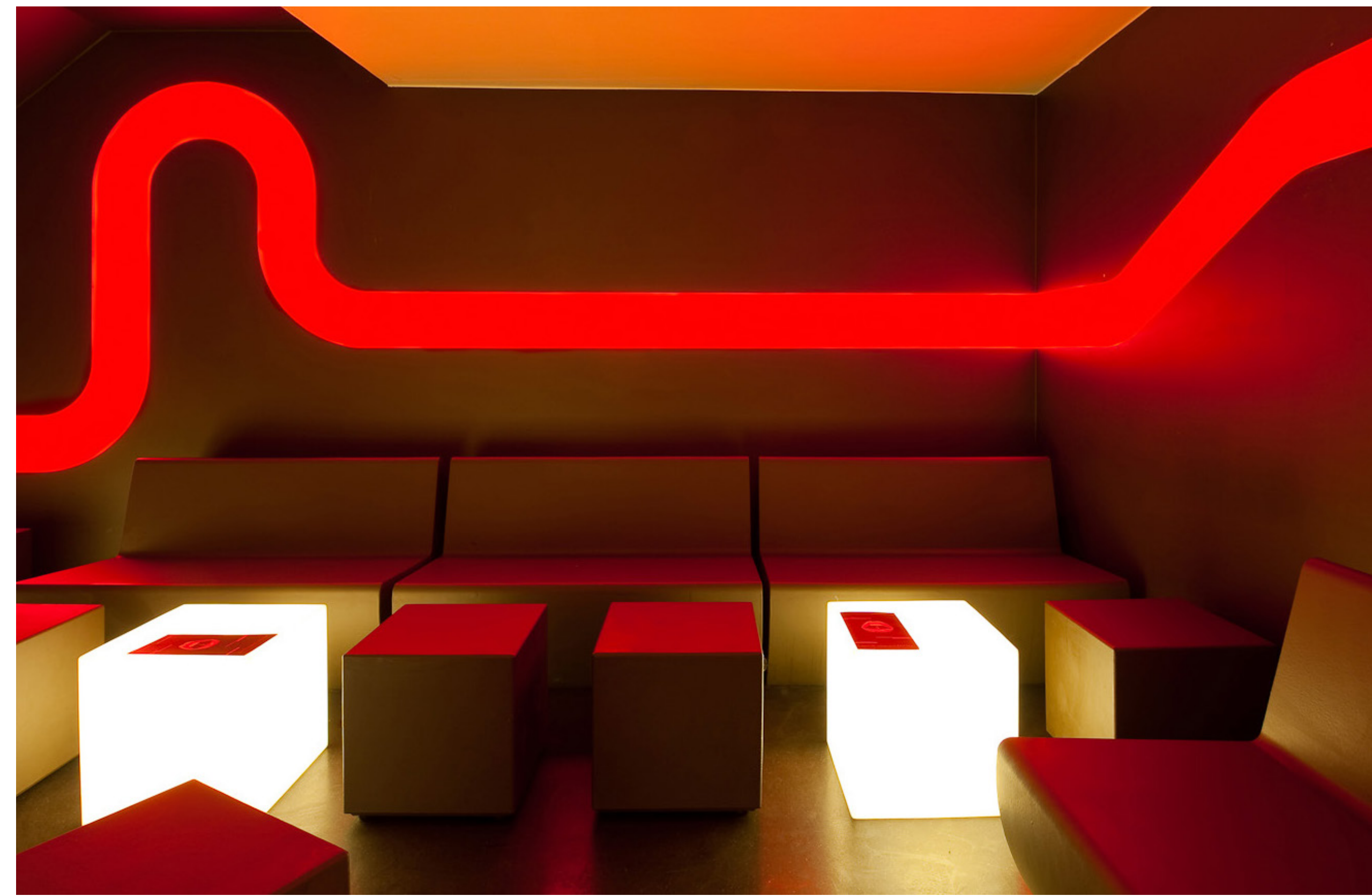




































# OTHER TECHNIQUES



01



Injected soft  
foam molding

02



Coating on  
different material

03



Rotation  
molding

04



Upholstery



01

## Injected soft foam molding





01

## Injected soft foam molding





02

**Coating on  
other material**





02

## Coating on other material





03

**Rotation  
molding**





03

## Rotation molding





03

## Rotation molding





04

## Upholstery







# EXPOSITIONS

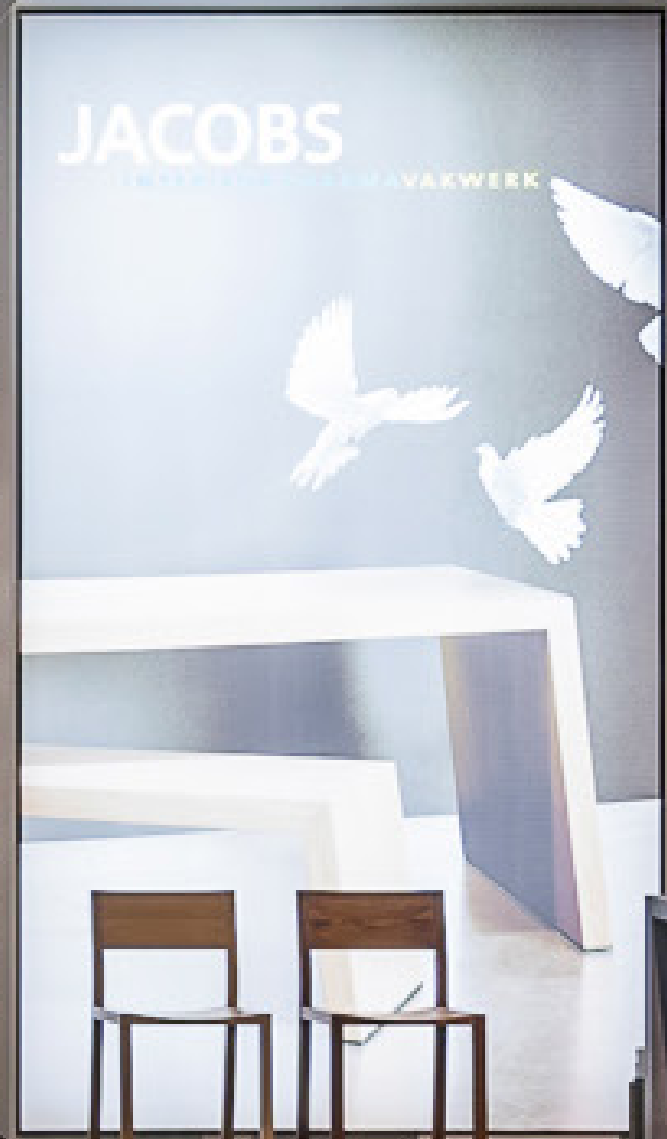
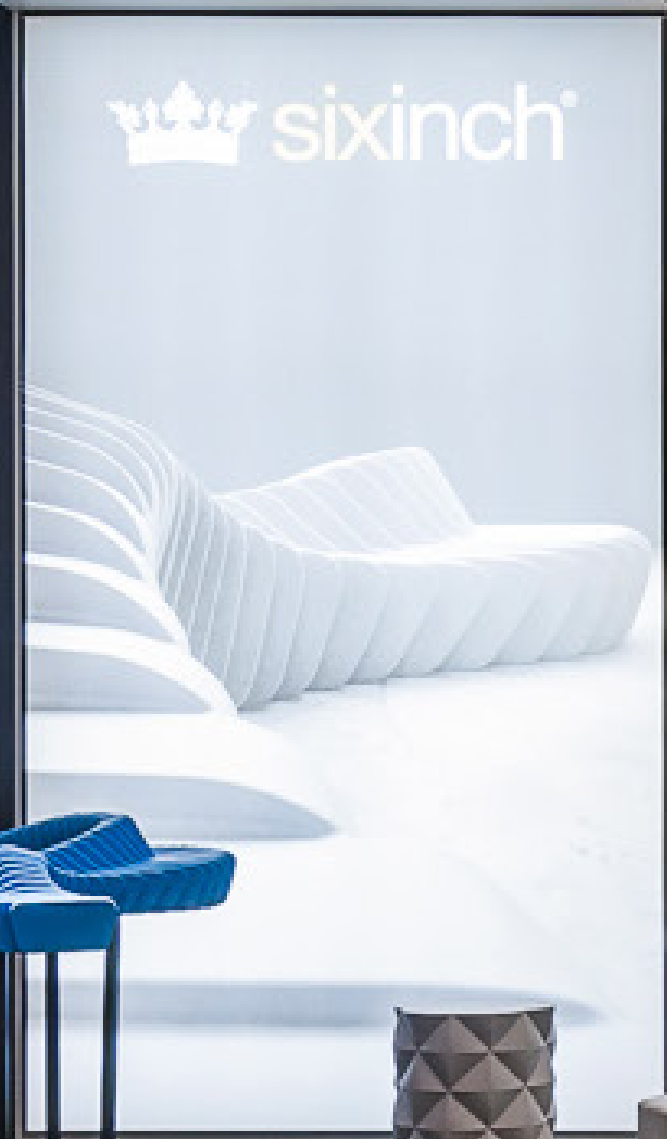




 sixinch











Offshore...

a sea of choices

Dive into the SIXINCH sea of possibilities using our new modular furniture system - OFFSHORE. With OFFSHORE, we have combined geometry and our famous coating techniques, allowing infinite variations for your custom installation through color and arrangements. You can go for straight or curved layouts, solitary seating or even large cluster-like constellations. Let the current guide you.

[www.sixinch.eu](http://www.sixinch.eu)







sixinch®

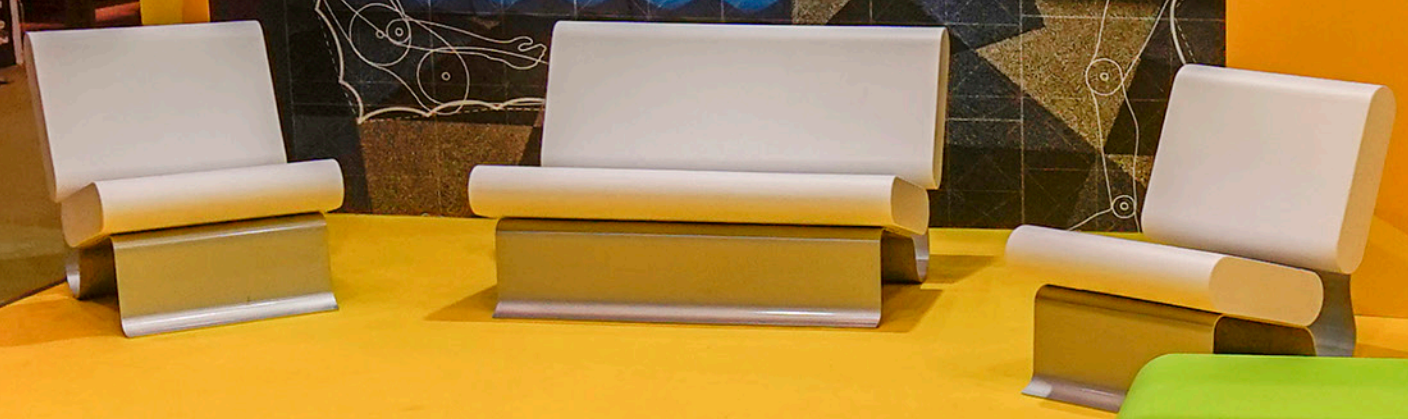
FRAGILE  
MADE IN BELGIUM

sixinch®





sixinch







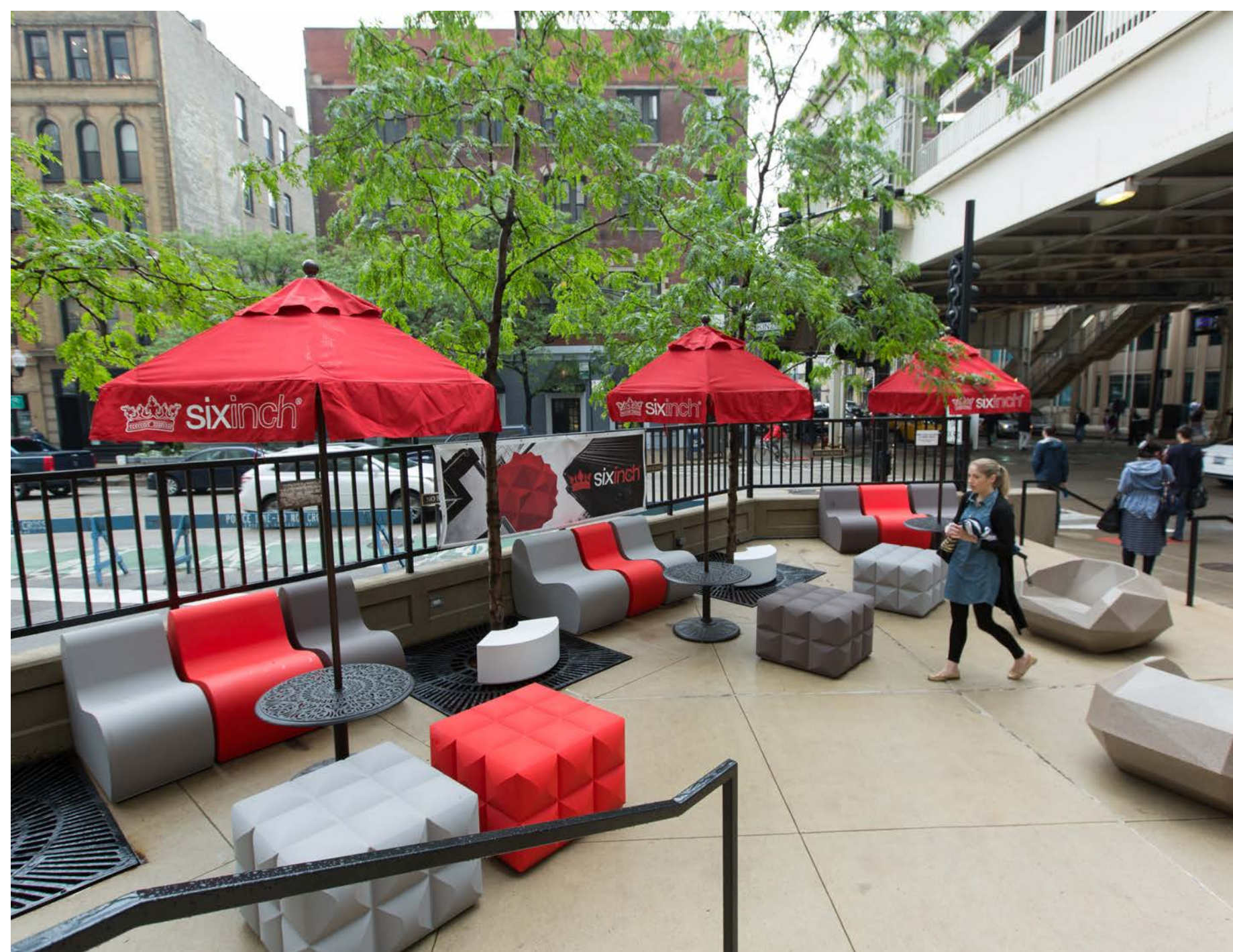
Sato Sangyo  
www.satosangyo.com

sixinch

inch

1-113  
BRUE  
BRUE+BRUE+BRUE+BRUE+  
BRUE+BRUE+BRUE+









COÖPERATIONS





sixinch









WITHIN?

WITHIN?

WITHIN?













MARITIME











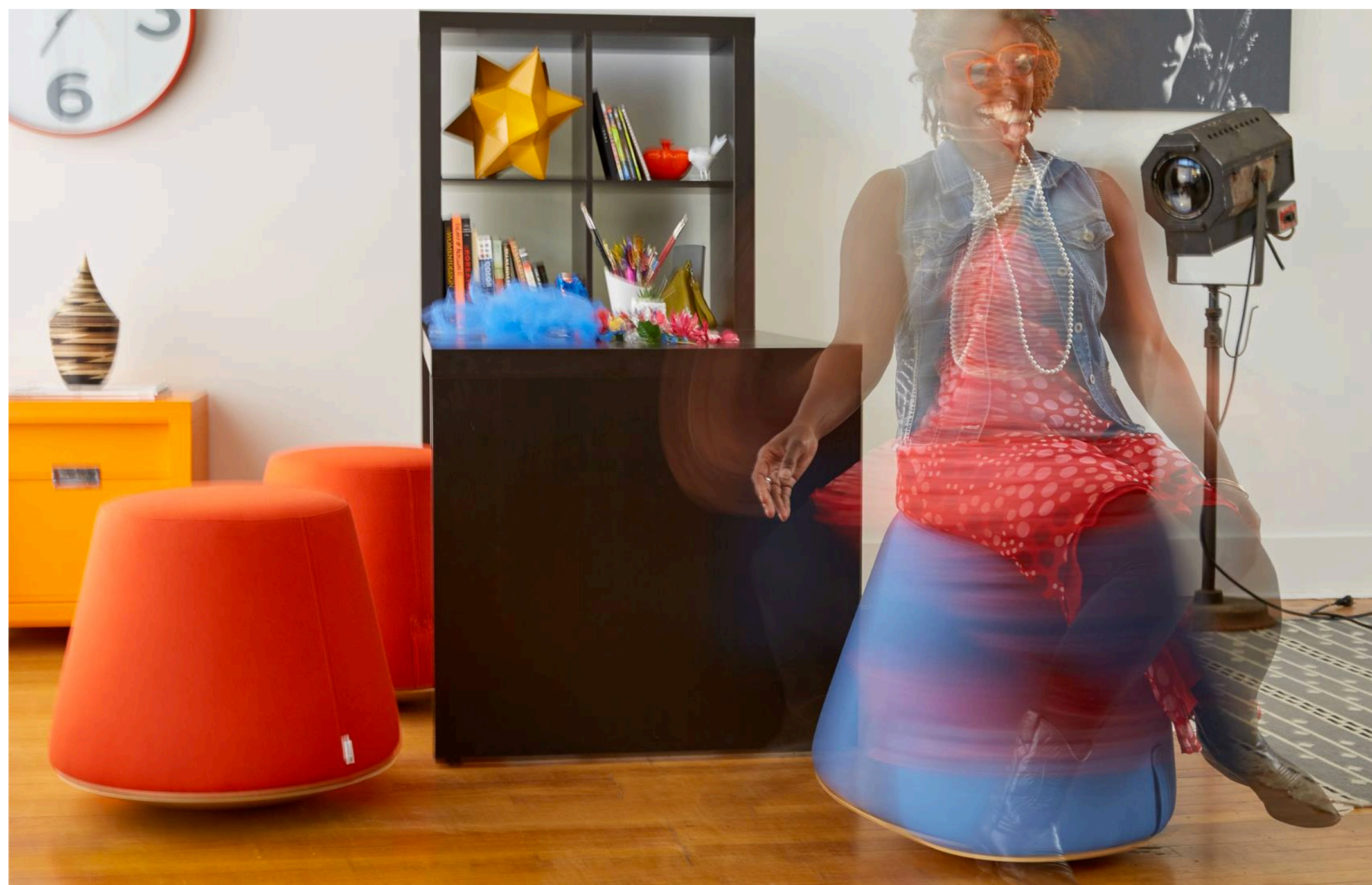


# LICENSES





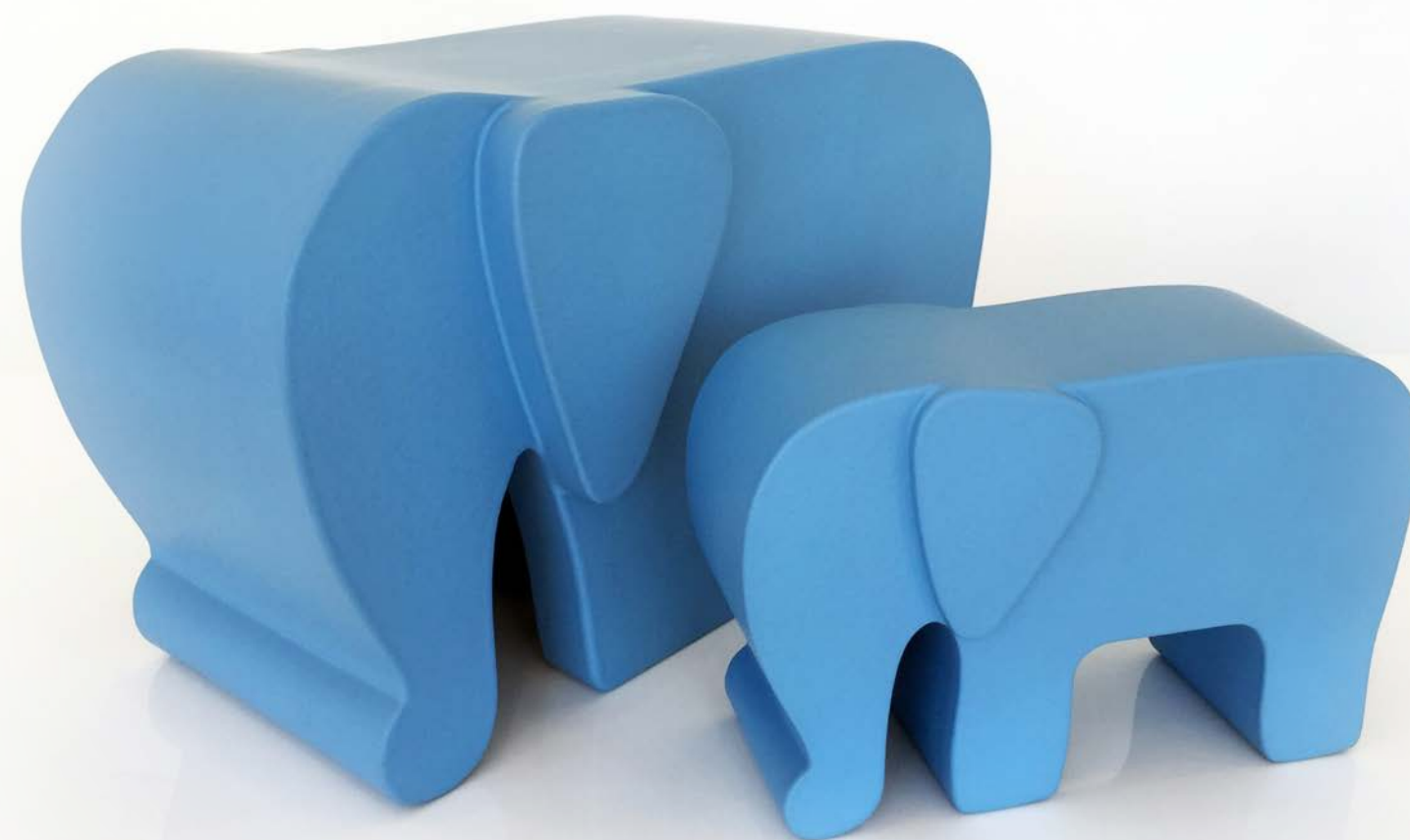
USA







JAPAN







## JAPAN





## PHILIPPINES





AND MANY MORE







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[WWW.INSTAGRAM.COM/SIXINCH\\_OFFICIAL](https://www.instagram.com/sixinch_official)



