

## INTRO

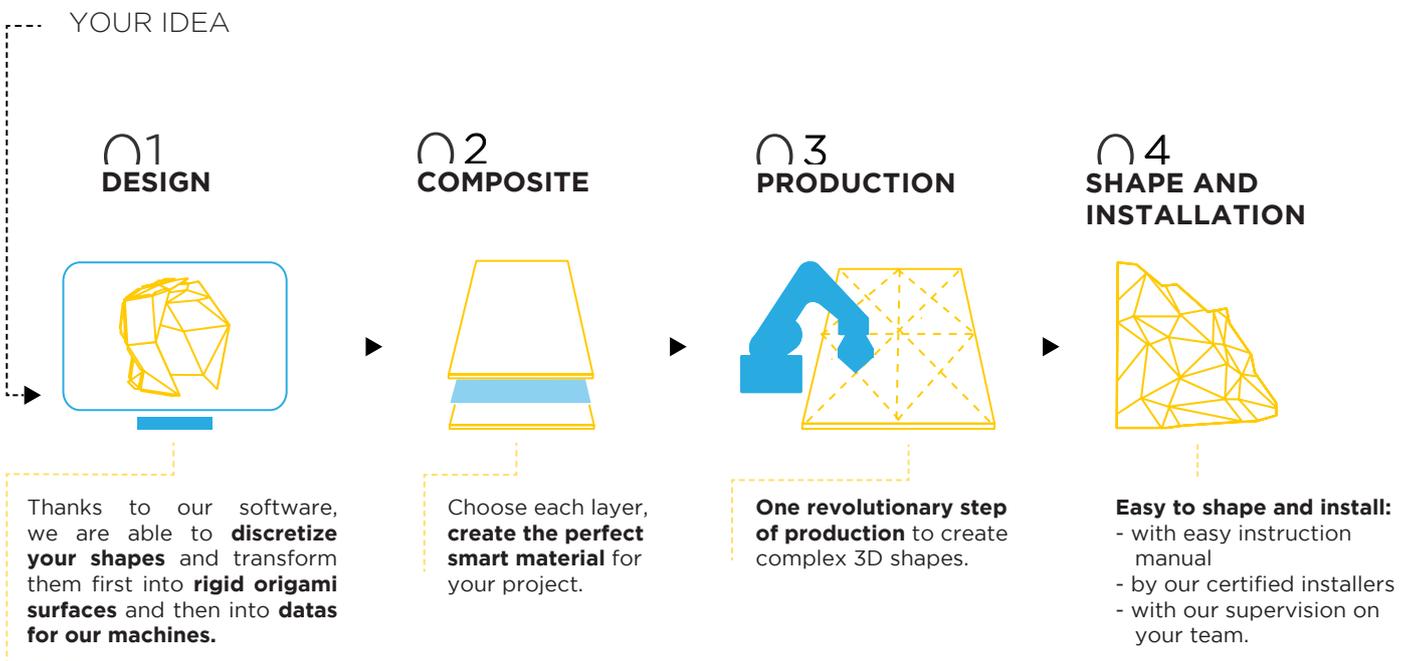
The following specifications are intended to be a series of **best practice** that will ensure the feasibility of the designed object - **minimum dimensions 30x30x30cm** - in relation to the WOOD-SKIN® technology. We encourage to **stretch these boundaries** but to keep in mind that these are **important technical specifications**.

WOOD-SKIN is a **design grammar** made of linear textile hinges produced with digital fabrication technologies.

WOOD-SKIN can program traditional materials to fold according to even the most adventurous design needs, becoming 3D surfaces for the architectural environment.

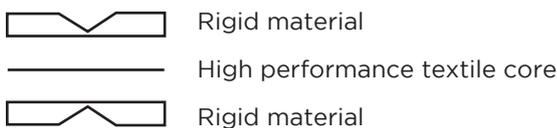
WOOD-SKIN® is a **patented digital fabrication process** able to translate any design into a one-of-a-kind, self-structured, three-dimensional surface. The combination of **proprietary software, composite materials, and CNC machines** helps architects and designers to bridge the gap between digital representation and the building environment. Through software, complex surfaces are easily managed and tessellated. The surface is unfolded and highly optimized to be produced and shipped flat on-site, where it is folded back into the designed 3D shape.

## WOOD-SKIN PROCESS

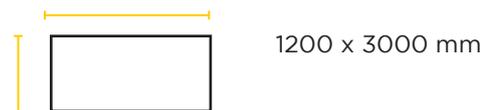


## TECHNICAL INFO

### COMPOSITION



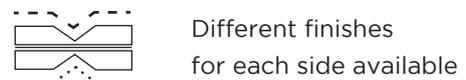
### PRODUCTION SHEET STANDARD SIZES



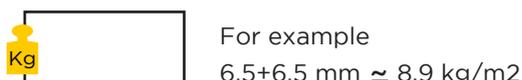
### THICKNESS



### FINISH



### WEIGHT

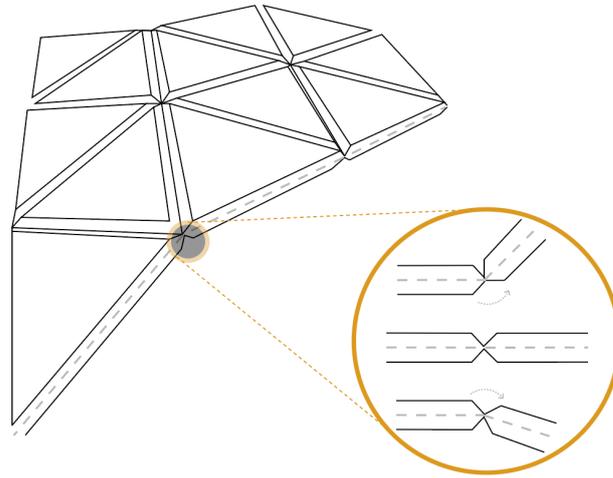


### FINAL PRODUCT SIZES

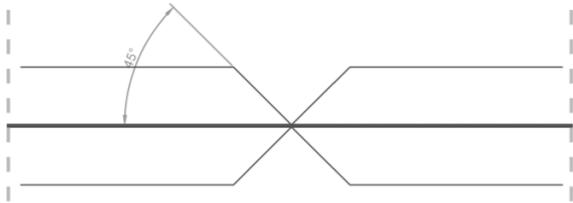


## DIGITAL HINGES

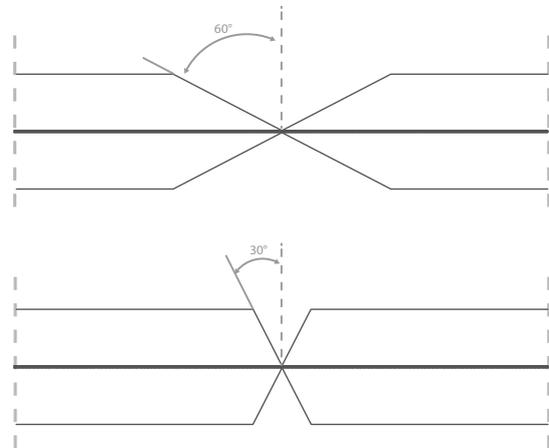
Forget the hinge as you know it, no more mechanical issues, crawling, lubricant pinched fingers and assembly lines. The Digital Hinge is here.



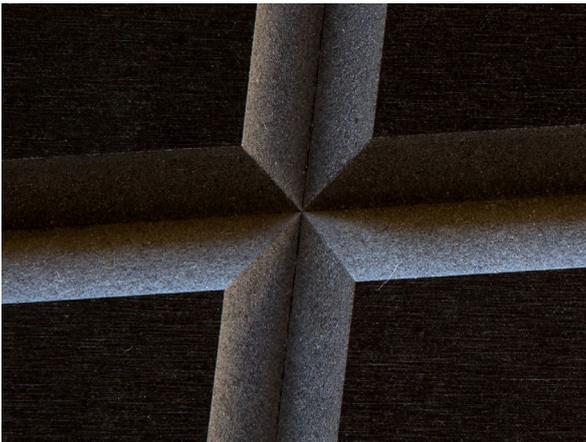
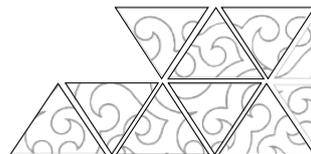
+ STANDARD MILLING 45°



+ CUSTOM MILLING



+ DECORATIVE MILLING



## MATERIALS



MDF



MDF COLOR



ULTRA THIN  
WOOD



OKUMÈ FIRE  
RESISTANT



OKUMÈ



OSB



FINNISH BIRCH



BAMBOO



LAMINATE



CORK



FENIX



HPL



HPL FULL COLOR



SYNTHETIC FELT



ALUMINUM

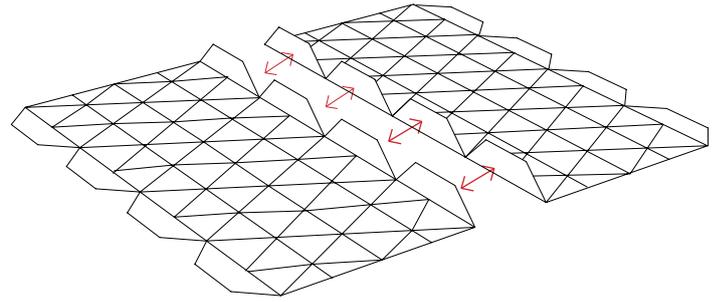
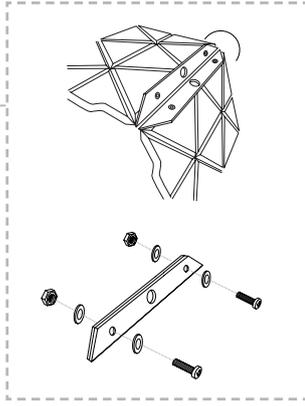
Possible materials (but not limited to) suitable for the outdoor: Aluminum, wood, HPL (high pressure laminates) materials, solid surface, bamboo

for the indoor: wide range of wood (such as plywood, wood veneer, semi-finished products), laminates, felt, cork, bamboo

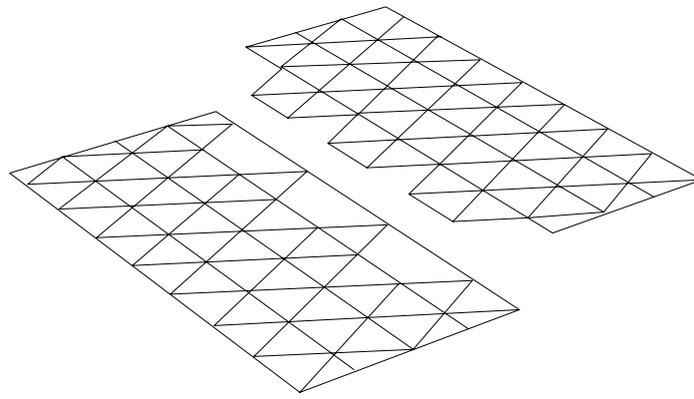
Finishes: laminate, veneer, varnish

## SURFACE JOINTS

+ WOODEN FLAPS

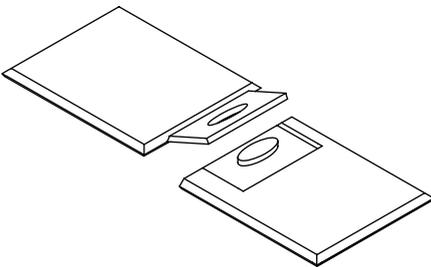


+ PUZZLE

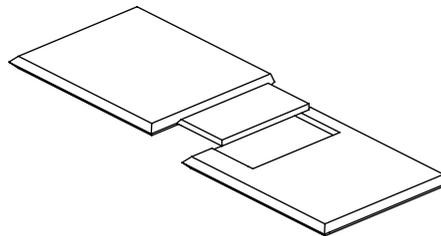


## VOLUME JOINTS

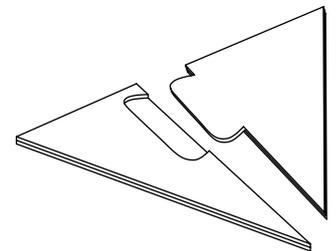
+ OVERLAP



+ PUZZLE



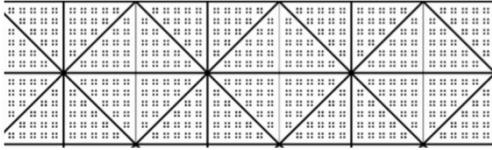
+ JOINT

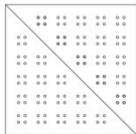
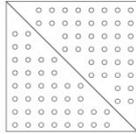
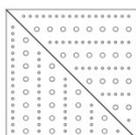


**- OPTIONAL FEATURES -**

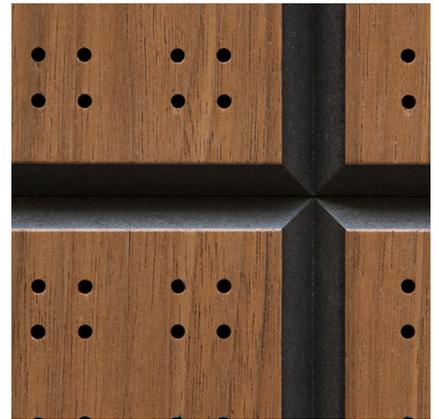
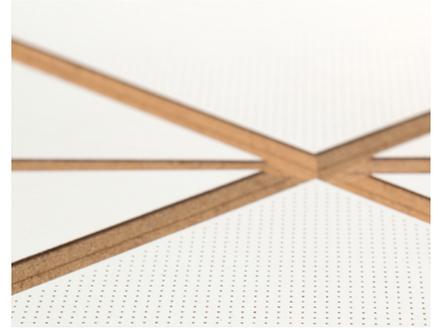
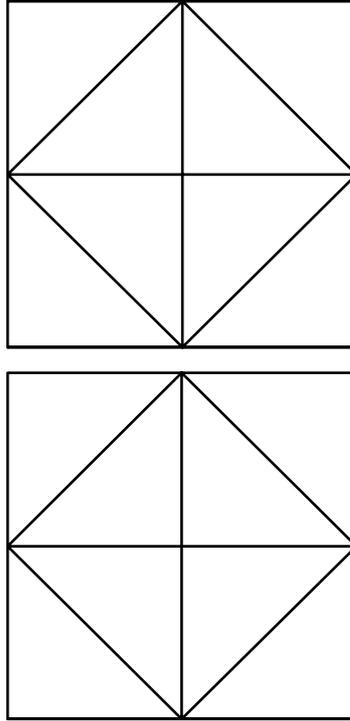
**PERFORATIONS**

+ STANDARD PERFORATION



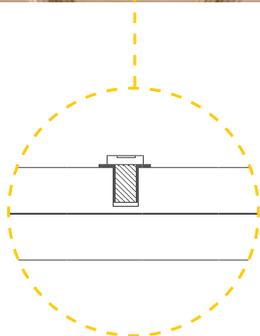
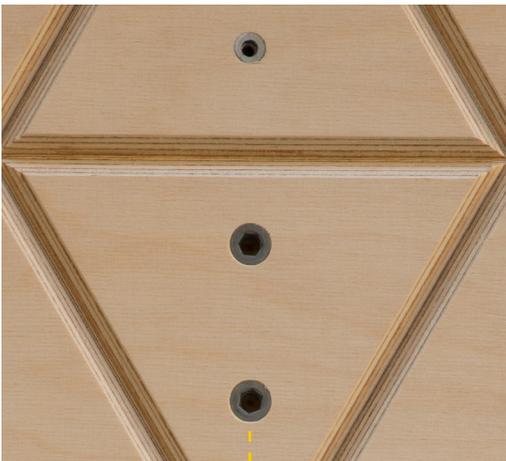
DIAMETER	DISTANCE	
∅ 2 mm	16 - 16 mm	
∅ 6 mm	16 - 16 mm	
∅ 2 mm ∅ 6 mm	16 - 16 mm 16 - 16 mm	

+ CUSTOM PERFORATION

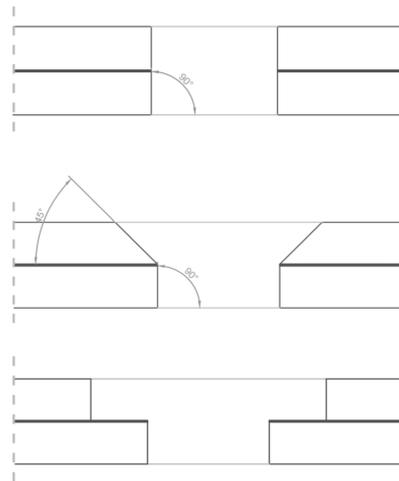


**HOLES**

+ BLIND HOLES

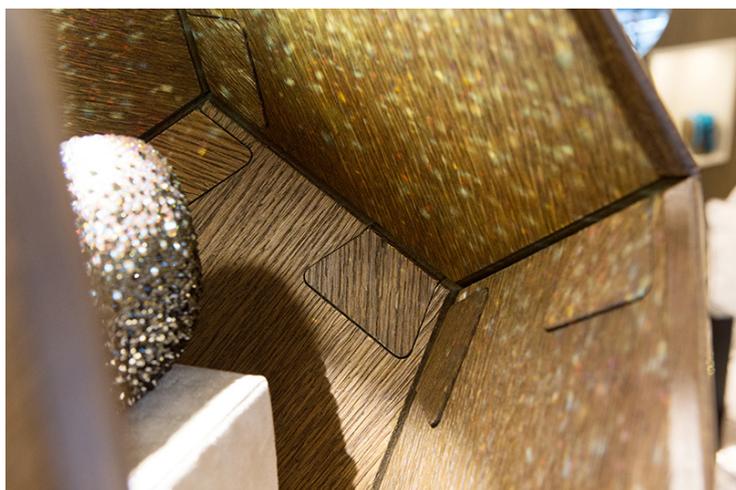
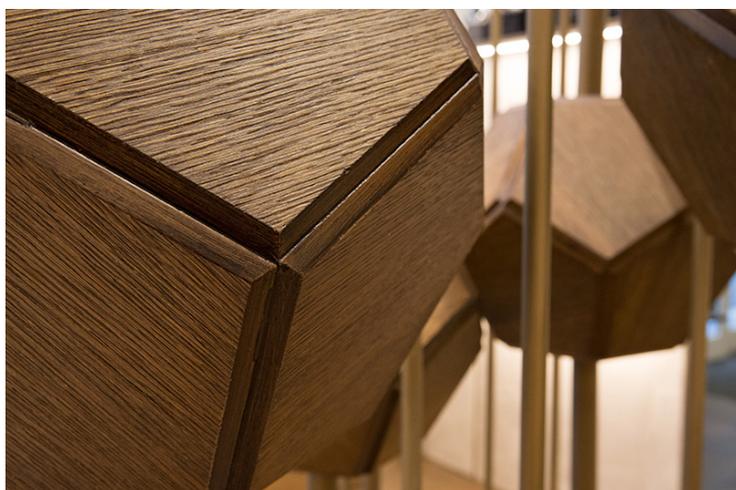


+ SHAPED PASSING HOLES



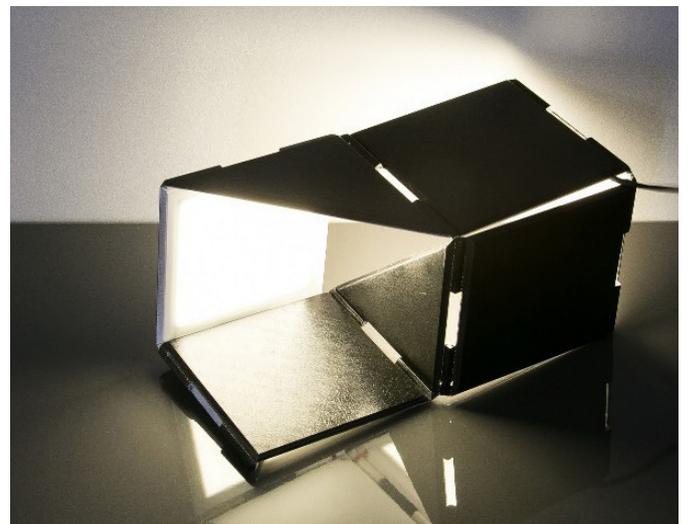
## CASE STUDIES

+ JANEKE



## CASE STUDIES

+ DYNAMICUBE



## CASE STUDIES

+ FLEXI - RES PORTE

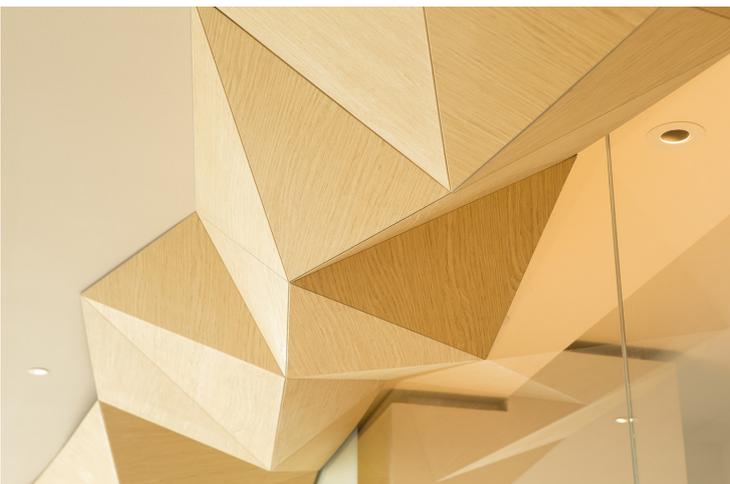
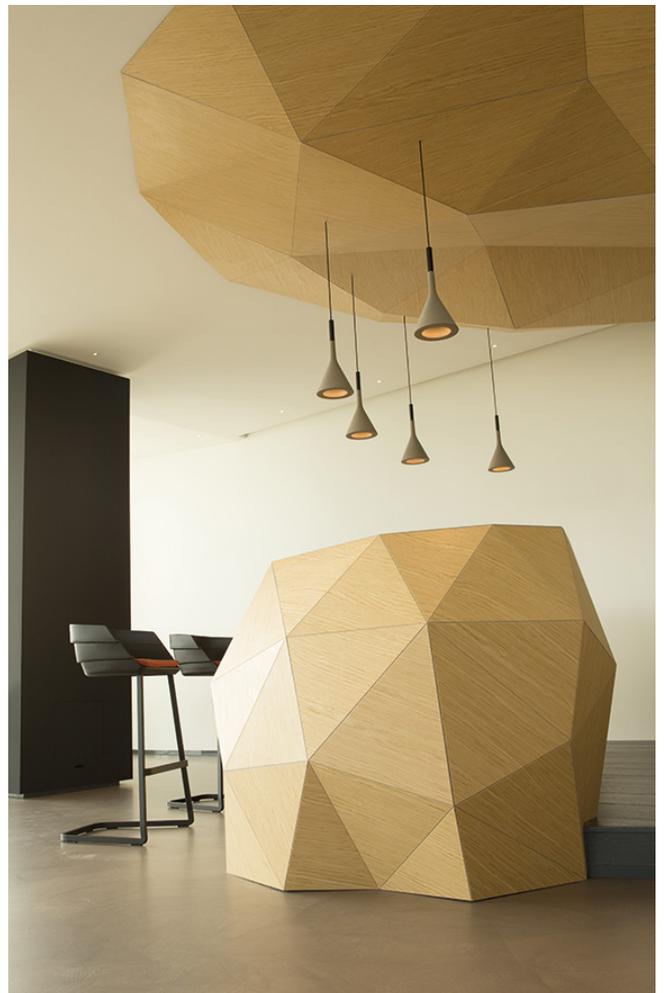
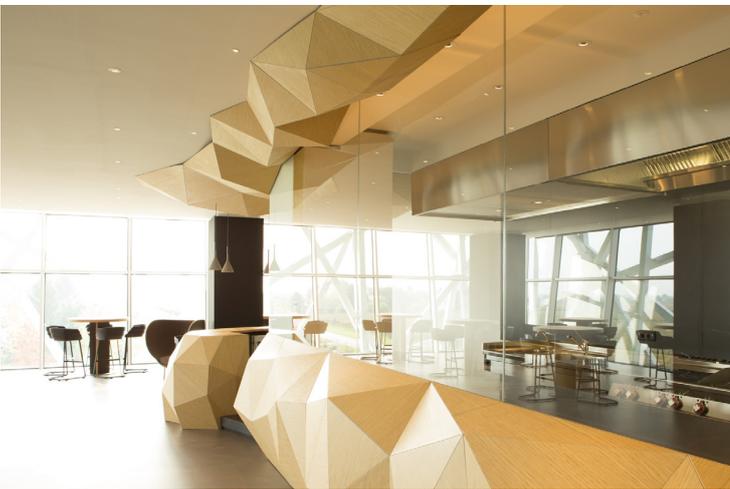


+ THE ONE - ARTCERAM



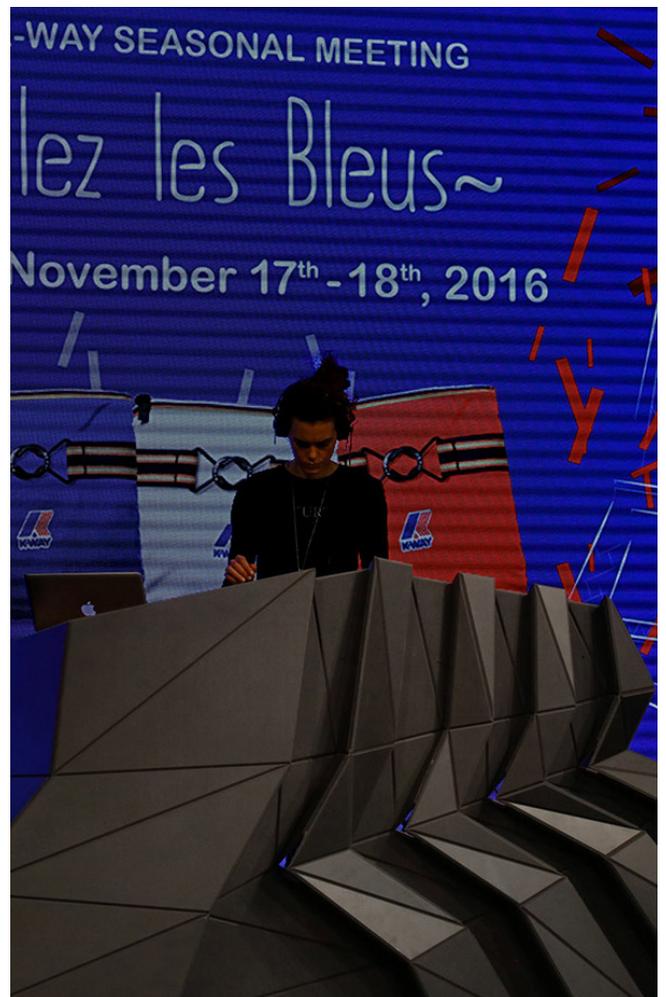
## CASE STUDIES

+ BORGOMOLINO - COUNTER



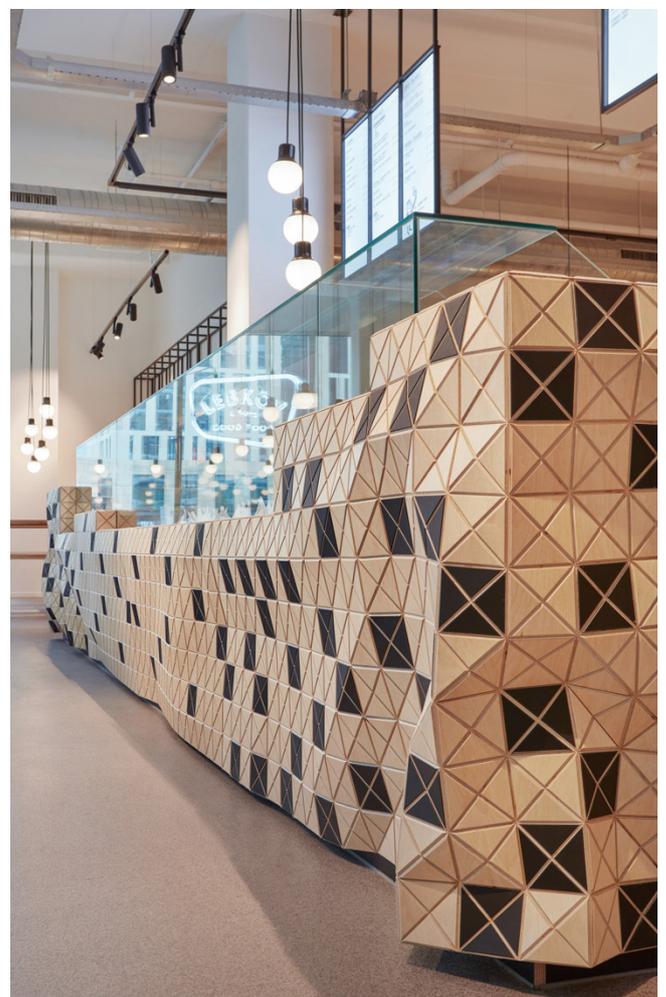
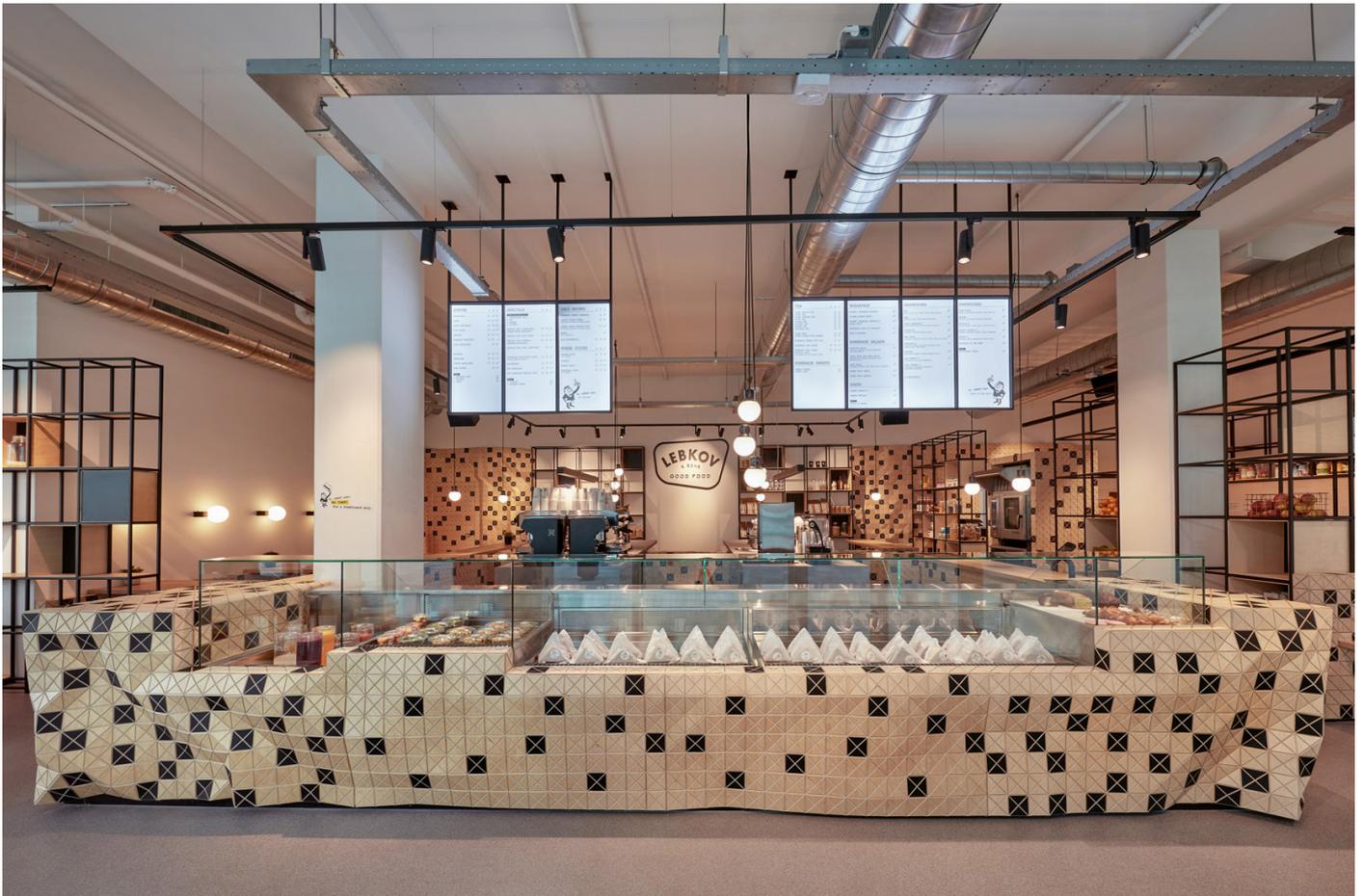
## CASE STUDIES

+ KWAY - DJ BOOTH



# CASE STUDIES

+ LEBKOV - COUNTER



# CASE STUDIES

+ LONGCHAMP

