

INTRO

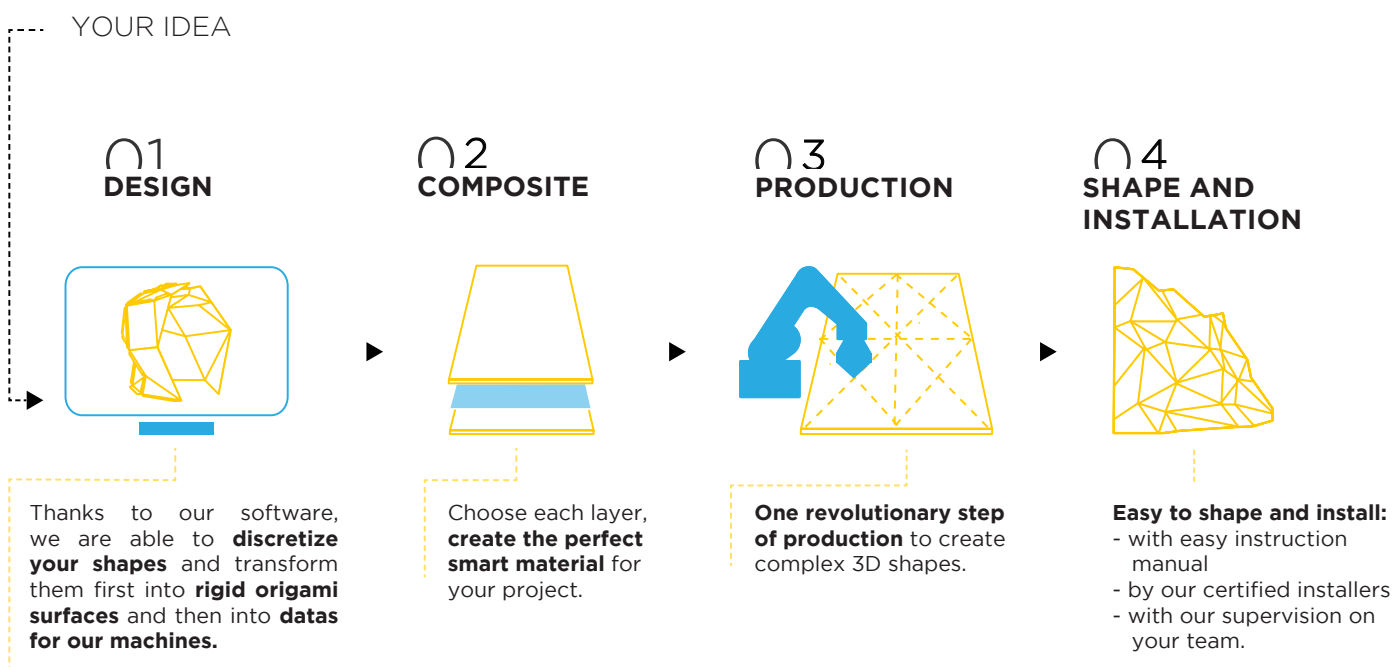
The following specification are intended to be a series of **best practice** that will ensure the feasibility of the designed object - **minimum dimensions 30x30x30cm** - in relation to the WOOD-SKIN® technology. We encourage to **stretch this boundaries** but to keep in mind that this are **important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

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.

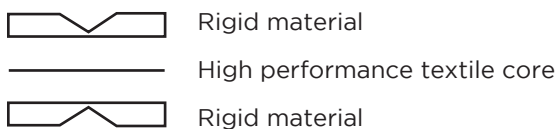
WOOD-SKIN® is a **patented digital fabrication process** able to translate any design into a one-of-a-kind, self-structured, three-dimensional surface. The combination of **proprietary software, composite materials, and CNC machines** helps architects and designers to bridge the gap between digital representation 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

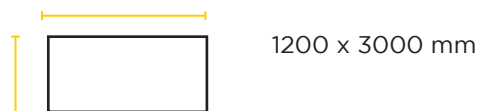


TECHNICAL INFO

COMPOSITION



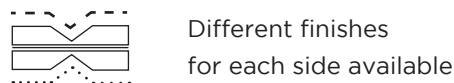
PRODUCTION SHEET STANDARD SIZES



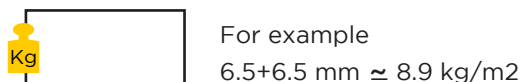
THICKNESS



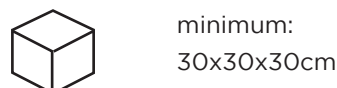
FINISH



WEIGHT

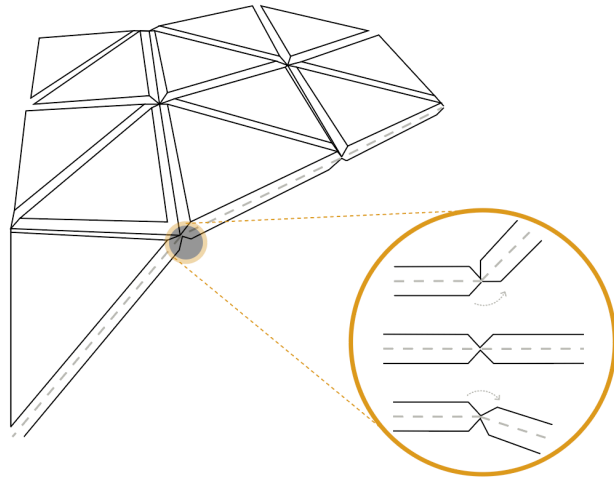


FINAL PRODUCT SIZES

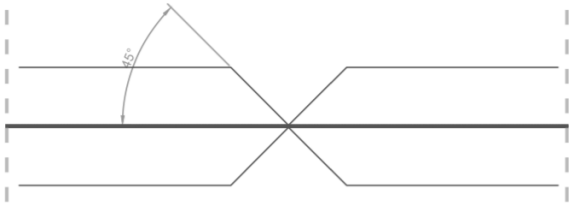


DIGITAL HINGES

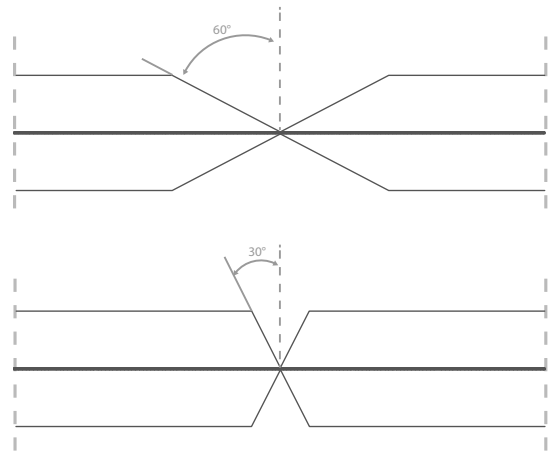
Forget the hinge as you know it, no more mechanical issues, crawling, lubricant pinched fingers and assembly lines. The Digital Hinge is here.



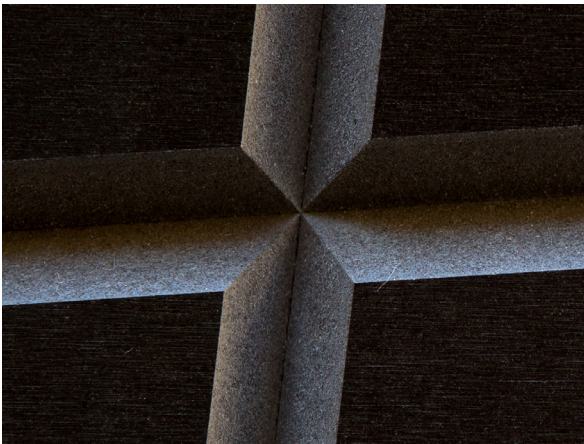
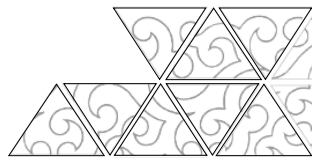
+ STANDARD MILLING 45°



+ CUSTOM MILLING



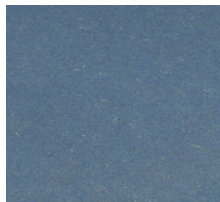
+ DECORATIVE MILLING



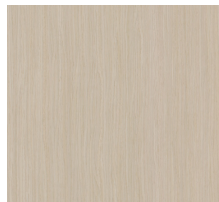
MATERIALS



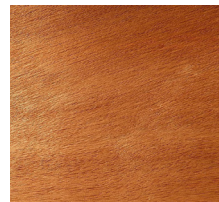
MDF



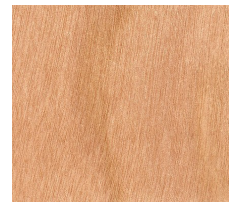
MDF COLOR



ULTRA THIN
WOOD



OKUMÈ FIRE
RESISTANT



OKUMÈ



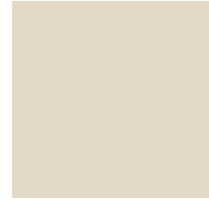
OSB



FINNISH BIRCH



BAMBOO



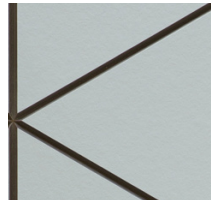
LAMINATE



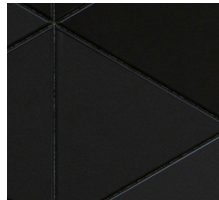
CORK



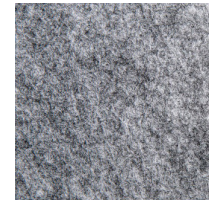
FENIX



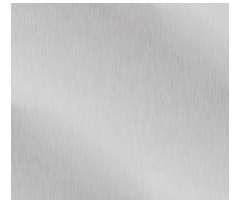
HPL



HPL FULL COLOR



SYNTHETIC FELT



ALUMINUM

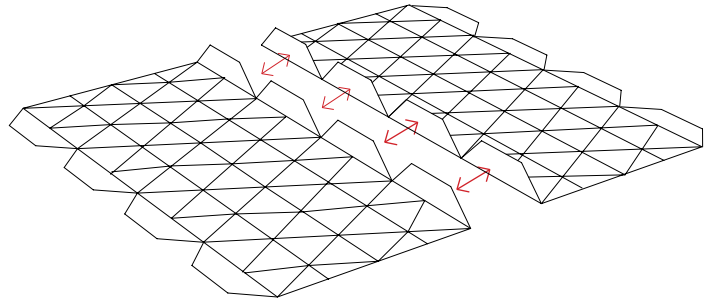
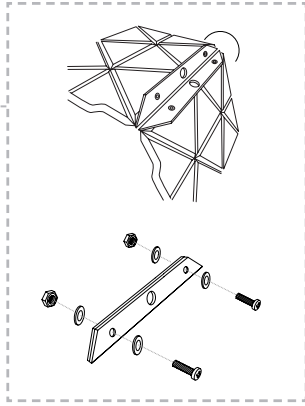
Possible materials (but not limited to) suitable for the outdoor: Aluminum, wood, HPL (high pressure laminates) materials, solid surface, bamboo

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

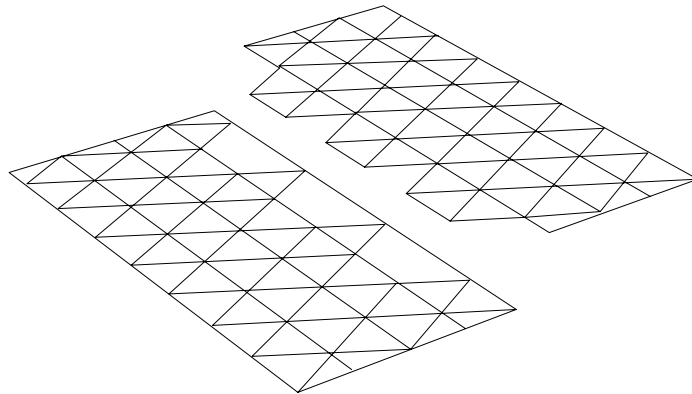
Finishes: laminate, veneer, varnish

SURFACE JOINTS

+ WOODEN FLAPS

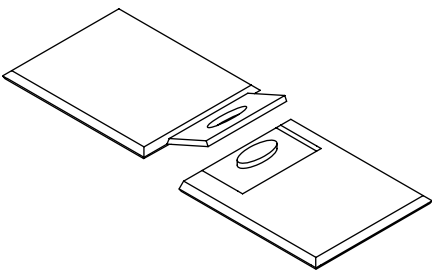


+ PUZZLE

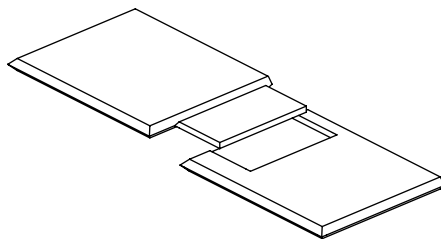


VOLUME JOINTS

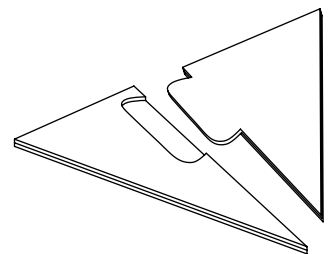
+ OVERLAP



+ PUZZLE



+ JOINT



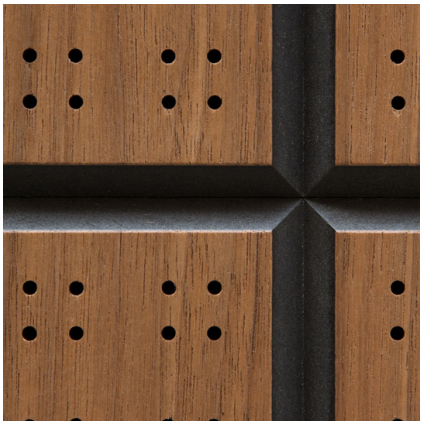
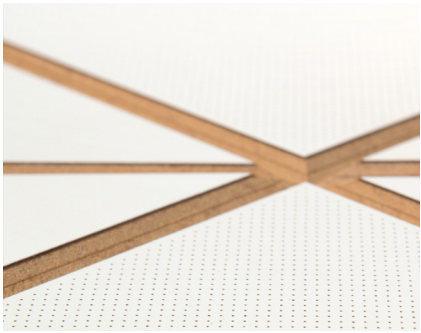
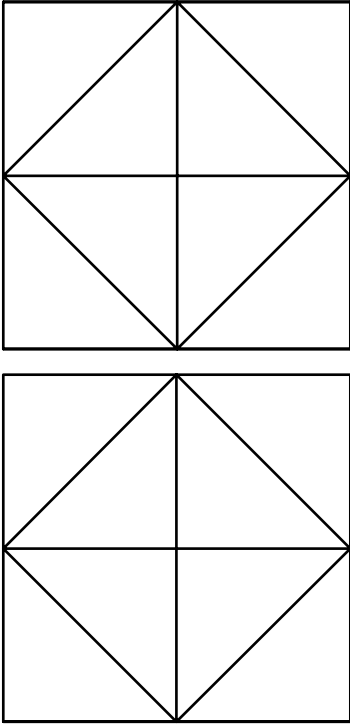
- OPTIONAL FEATURES -

PERFORATIONS

+ STANDARD PERFORATION

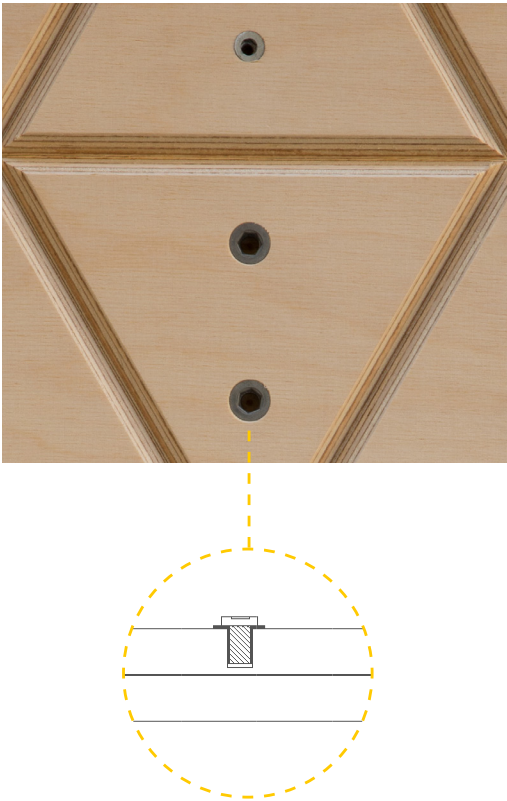
DIAMETER	DISTANCE	
Ø 2 mm	16 - 16 mm	
Ø 6 mm	16 - 16 mm	
Ø 2 mm	16 - 16 mm	
Ø 6 mm	16 - 16 mm	

+ CUSTOM PERFORATION

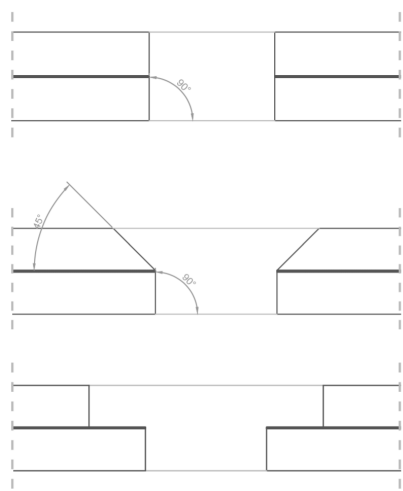


HOLES

+ BLIND HOLES

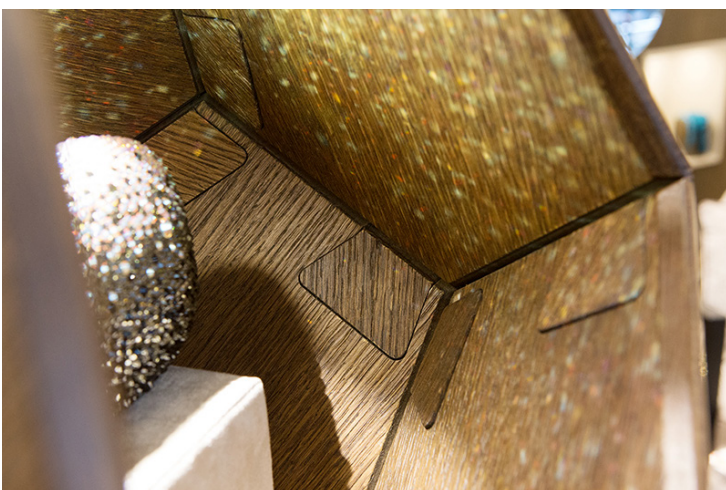


+ SHAPED PASSING HOLES



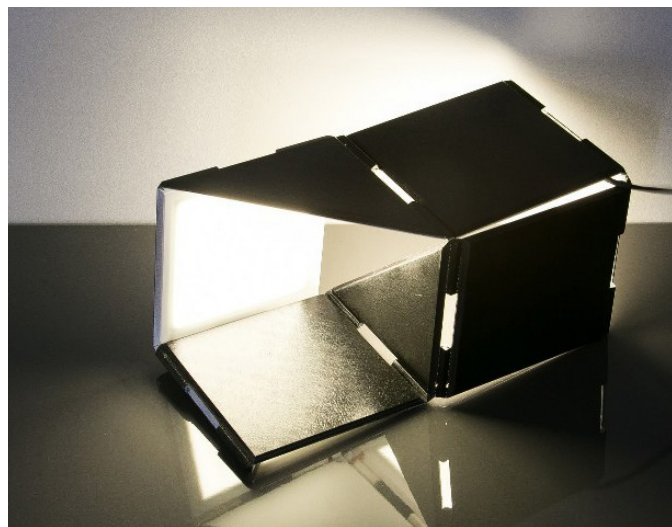
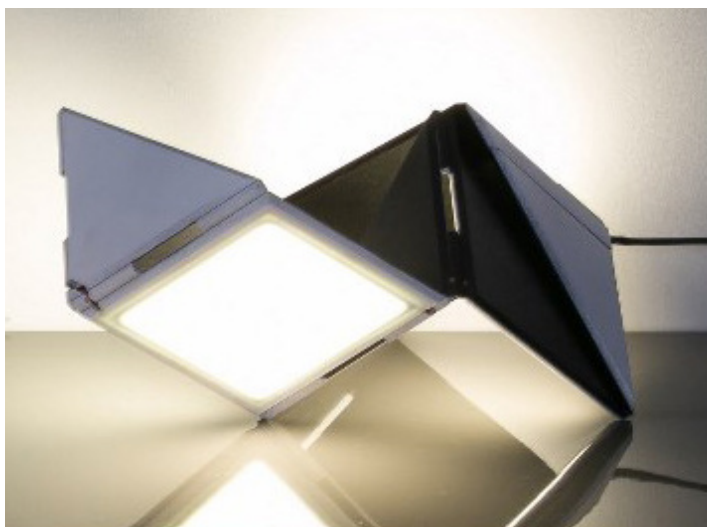
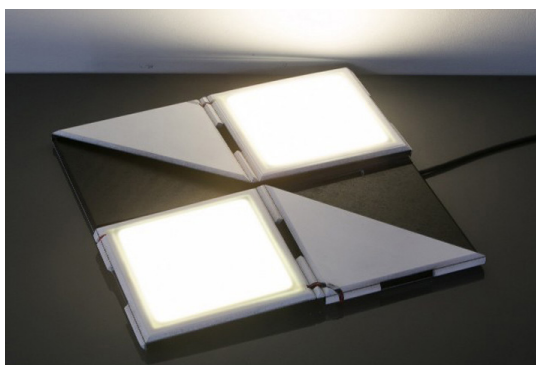
CASE STUDIES

+ JANEKE



CASE STUDIES

+ DYNAMICUBE



CASE STUDIES

+ FLEXI - RES PORTE

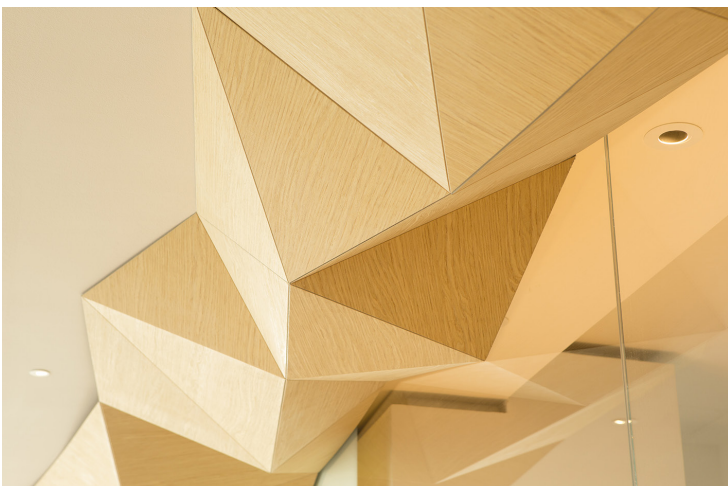


+ THE ONE - ARTCERAM



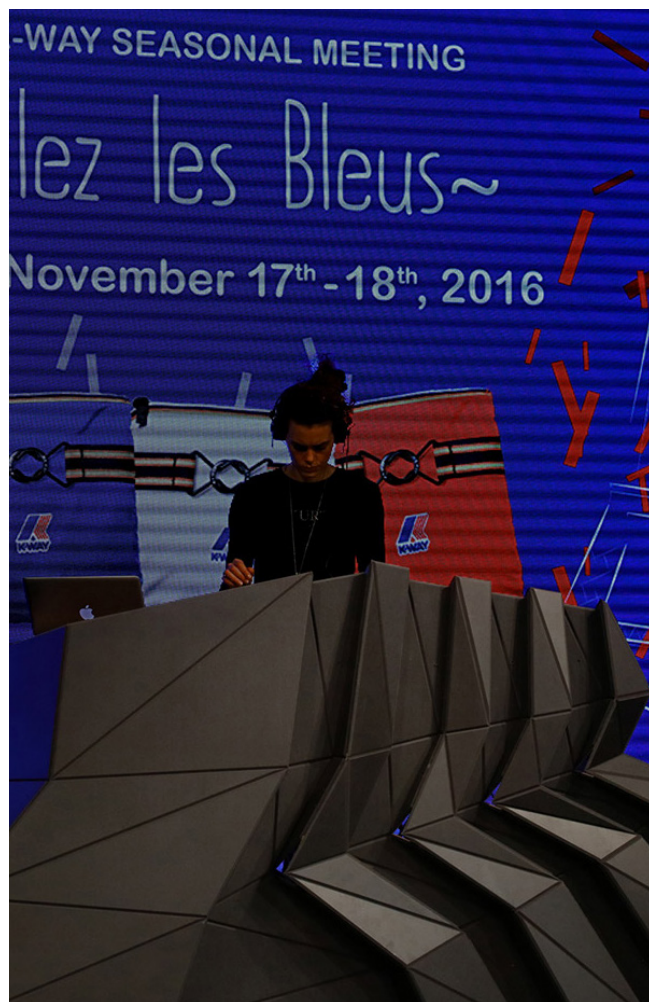
CASE STUDIES

+ BORGOMOLINO - COUNTER



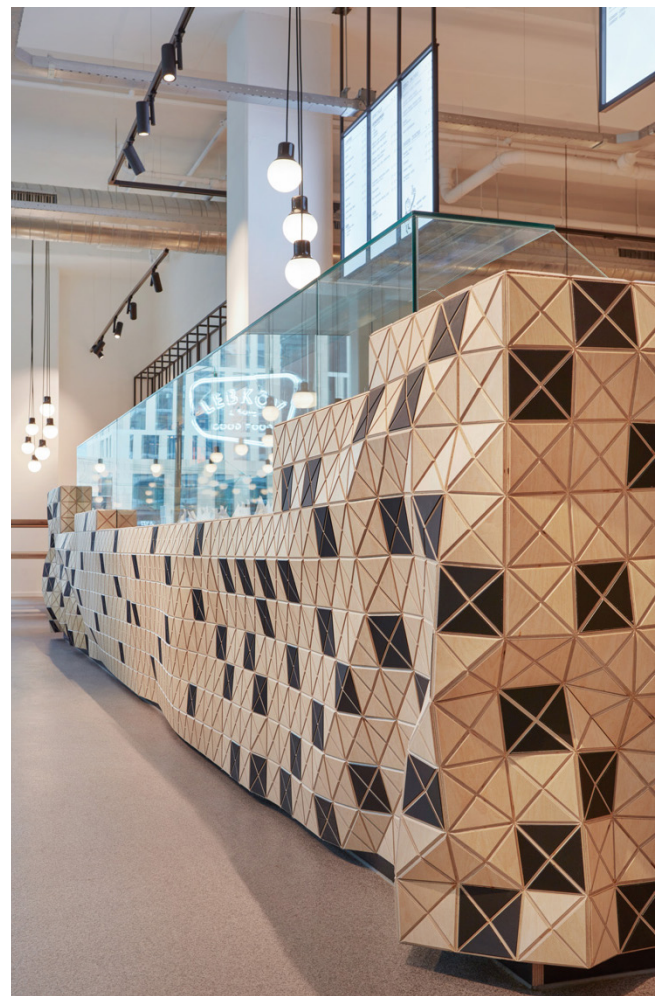
CASE STUDIES

+ KWAY - DJ BOOTH



CASE STUDIES

+ LEBKOV - COUNTER



CASE STUDIES

+ LONGCHAMP

