

i-Mesh

Company Profile
English version

*We have an unordinary mission,
as we work daily to soften
formal design rigidity, the
invasive material stiffness
universally perceived
as architecture.*

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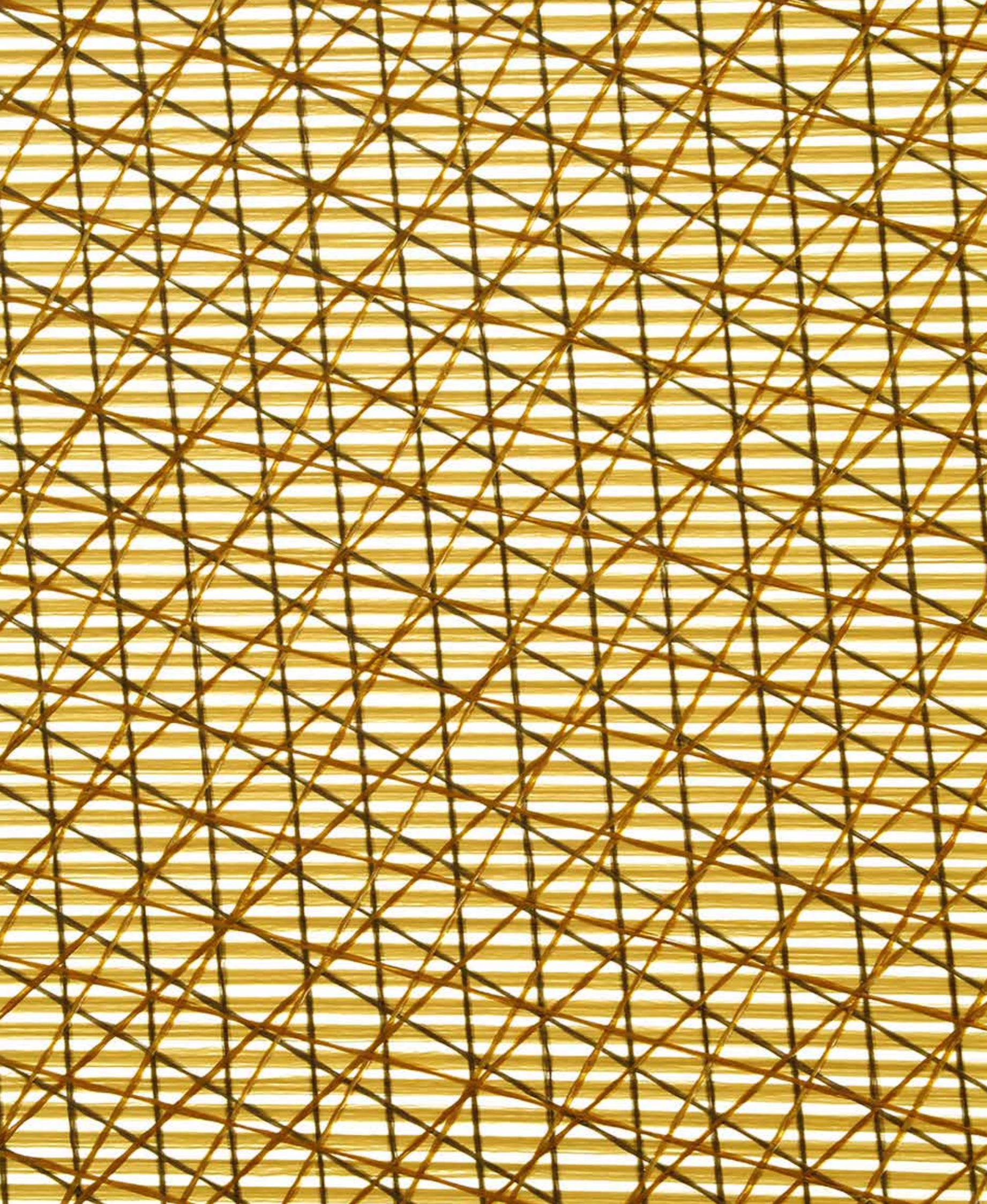
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What's i-Mesh?

It is a patented, award-winning, sustainable and fully customizable fabric created for architecture, design, art and poetry.

i-Mesh is a technical and sustainable textile for architecture, a brand-new, patented technology conceived after years of internal research in the marine and aerospace sectors.

It is an absolute novelty within the construction market: a non-woven textile made of everlasting, high-performance fibers that can be applied both outdoors and indoors.

i-Mesh is a circular product because it is produced exclusively as bespoke panels, meaning we do not produce waste; we provide tailored, shaped panels, while the minimal scraps we create are utilized in art and design products.

The daily challenges we face, deal with art and the sciences, as we understand and love both. We share this passion with visionary thinkers worldwide.

A motley team into a glocal company

We acquired know-how over 30 years while making marine and aerospace textiles, and today our projects are developed by a multicultural team composed of architects, engineers, material experts, computational designers and art curators.

i-Mesh is the result of visual research and scientific studies on the physical characteristics of the high-tech fibers we exclusively utilize. This experience derives from our pluriannual activity in product design and technical fabrics for the nautical and aerospace sectors, where the highest levels of performance and reliability are basic requirements. Our team facilitates the union of i-Mesh technology and the architect's vision, as well as the success of the installation. i-Mesh is produced in Italy before the amazing backdrop of Monte Conero in the Marche region, where the elegance of our nature and the soft landscape have forged the company's DNA. It is in this luxurious environment that we perpetrate the model of a glocal company, able to provide the best assistance to customers worldwide, together with excellent, "just on time" production performance.

A glocal and sustainable philosophy oriented to a globalized world.



Monte Conero, Marche - Italy

Elegance and performance, indoor and outdoor

“Separate without dividing” thanks to an airwall, feel cool under a sunshade or improve the energy balance of your building while protecting the facade, enrich the walls with a piece of art. Contemplate the projections of shadows, the light effects: we are in the business of sustainable well-being.

We make high-tech curtains, tapestries, ceilings, sky roof protections and vertical partitions for interiors. Instead outdoors, i-Mesh filters and reflects excessive sun radiations, providing light, thermic and visual comfort.

The response to projections and the strong decorative character of our patterns make i-Mesh an excellent material for scenography and experience-based communication projects. Its lightness makes installation very easy, its strength and resistance to abuse makes it last forever.

Its attractive appearance makes it desirable for all sorts of applications in design.



Folding sun shading
Expo Dubai 2020

OUTDOOR APPLICATIONS



Dynamic Solar Shading System

Solar Decathlon Middle East 2018 w/ La Sapienza University - Dubai 2018

INDOOR APPLICATIONS



Wall Coverings

Dior Champs Élysées Flagship Store - Paris 2019, © Dior



Dior Maison Paris

Backdrop Design

Dior Maison, Paris 2019. Project by Dior®



A timeless design, icon of the historical French maison. Our interpretations of the authentic **Dior** cannage provide new architectural possibilities.

The brand Dior has marked beautiful Champs-Élysées avenue with the sign of i-Mesh: the new 890-square-foot space is a beautiful retail concept that pays homage to its traditional heritage, but opens the path up to new, breathtaking elegance.

INDOOR

*Feel cocooned,
yet feel together:
an unprecedented
interior experience*

Be alone with everybody



Room Dividers



Ceilings



Curtains



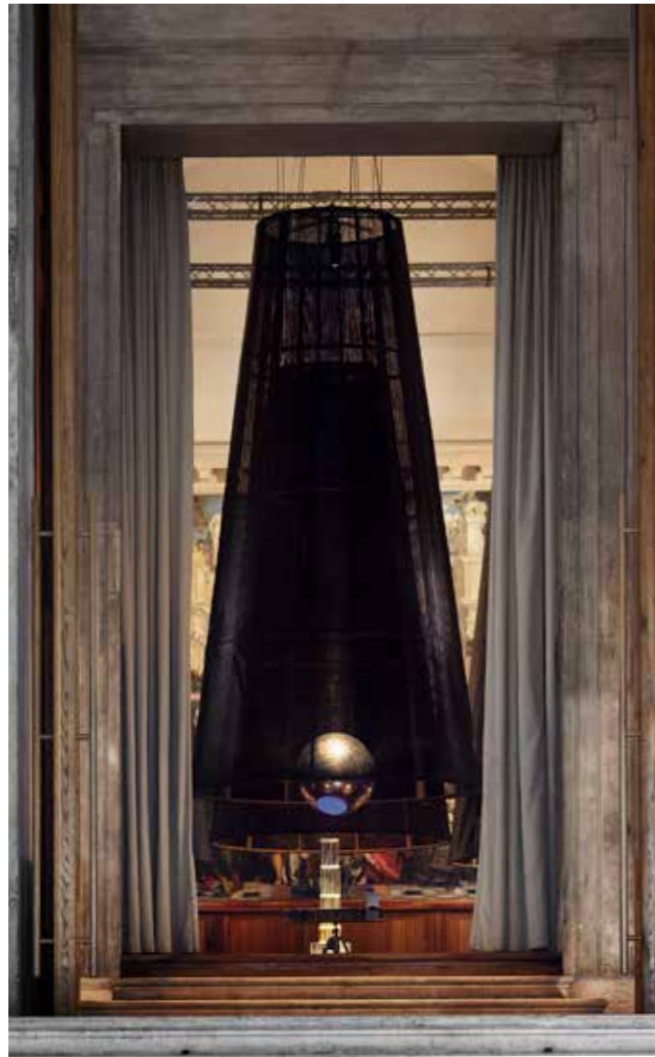
Wall Coverings

In interiors we make permeable partitions, high-tech curtains, tapestries, ceilings and soft wall coverings.

INDOOR

i-Mesh is an excellent material for exhibition fittings or as translucent scenography: it's light, unique, highly customizable, reusable, easy to install and dismantle.

INDOOR



Stand Design



Scenography



Design & Fashion



Art

Its flexible production system allows designer to go further and use this fabric for light design, or for haute couture fashion, on a wall as an edgy piece of art.

INDOOR APPLICATIONS



Stand Divider and Wall Covering

Natuzzi, Salone del Mobile, Milano 2015, © Natuzzi



INDOOR APPLICATIONS

Shop Dividers De Bijenkorf Cafè, Rotterdam 2019



INDOOR APPLICATIONS

Stand Dividers Natuzzi, IMM, Koln 2017 ©Tobias Vollmer

Room Dividers

An i-Mesh Divider is the best solution for creating visual privacy while maintaining uninterrupted energy flow.



Shop Divider / Indoor Façade
Dior Store, Berlin 2019



Showroom
Lavermicocca Showroom, Bari 2018

These extra-light screens are uniquely efficient for separating areas in coworking spaces, offering well-tuned transparency that can be reduced or enhanced by proper light design to change visual privacy in a dynamic way.

INDOOR APPLICATIONS



Short Curtains and Dividers

Showroom Cimballi, Bari 2018 © Lavermicocca



Curtains, Soft divider Walter Knoll, Salone del Mobile, Milano 2015



Curtains, Soft divider Walter Knoll, Salone del Mobile, Milano 2015

Curtains

i-Mesh is particularly suitable for curtains, providing an infinite custom made levels of visual comfort.



Short Flat Curtains
MSC Office, Tokyo 2019 © Lamberto Rubino



Roller Blind
Ghella Headquarters, Roma 2019 © Ghella

With a specialized pattern for each type of curtain, i-Mesh is particularly suitable for heavy curtains, roller blinds, or sliding types of window protections. i-Mesh curtains provide infinite, custom-made levels of visual comfort.

INDOOR APPLICATIONS



Ethereal Installation

Virgin Galactic Spaceport America - New Mexico 2019 © Vierport-Studio



Virgin Galactic, Spaceport America Interior: Viewport Studio; Building: Fosters + Partners



The building was designed by the world-renowned, UK-based studio Foster + Partners - winners of an international architectural competition in 2007 for the world's first purpose-built commercial spaceport.



In this installation i-Mesh is utilized to change the perception of the rigid interior into a soft and hazy space. The visitor moves between a curved translucent framing system and the outcome is an extraordinary ethereal effect that makes the visitor feel as if he's among the clouds.

Located on 27 square miles of desert landscape in New Mexico, Spaceport America is Virgin Galactic's human spaceflight headquarters and flight operations center. Funded by the state of New Mexico and Sierra and Dona Ana counties, Spaceport America provides cutting-edge facilities and a remarkable training location for astronauts, as well as the perfect setting to start and finish the spaceflight itself. The Gateway to Space building - a signature feature of Spaceport America - serves as a home for the vehicles, a hub for astronaut preparation and the nerve center for flight operations.



Ceiling as branding light diffuser Mondadori Store, Milano 2015, © Migliore+Servetto

Ceilings

The i-Mesh surfaces create amazing ceilings as well. Making the sight of exposed technical equipment more gentle, it diffuses light and deals with noise reduction redundancy.



Ceilings
MSC Office, Tokyo 2019 © Lamberto Rubino



Softwall Alik in Wonderland, Milano 2013

Wall Coverings



Wall Covering
Natuzzi, Salone del Mobile, Milano 2015 © Natuzzi

When installed as a wall covering, i-Mesh changes the perception of a stiff partition, becoming what we call a “Soft Wall.”

INDOOR APPLICATIONS



Big screens for scenography

Puzzle Me! at Teatro della Triennale, Milano 2015



Puzzle Me!
Teatro della Triennale



Scenography

"Puzzle Me!" is the narration of a great cultural project which arose from the collaboration between the Academy of Beijing and NABA Nuova Accademia di Belle Arti. The scenography, conceived together with Marco Cristini, is a communication platform with a strong impact on which Chinese choreographer Yang Jinag placed 11 performers from 7 different countries to dance at the sound of the RUAN, a traditional Chinese stringed instrument.



Big screens for scenography

Puzzle Me! at Teatro della Triennale, Milano 2015

The i-Mesh membrane obtained by the interweaving of mineral fibers returns the projected image marked by the pattern; a poetry made of shadows and light that enchants the observer.

The scenographer Margherita Palli chose to match two materials which reflect the identity of the project and the symbolic and conceptual intentions of the show: paper, ancient material that the Chinese tradition transforms into forms ranging from objects to calligraphy, and i-Mesh, the essential texture, a symbol of technological matter in its purest form. Thanks to this result, i-Mesh has been selected as Finalist 2016 for the category "Light and Surface Interior" for the prestigious Surface Design Award 2016 in London.



INDOOR APPLICATIONS

Temporary Installations BMW Welt, Munich 2016



INDOOR APPLICATIONS

Light cones Homo Faber, design Michele De Lucchi, Venezia 2018 © Alessandra Chemollo

Events & Exhibitions

Lightness and ease of installations make of i-Mesh the ideal material for temporary installations.



Temporary Setup / Stand for fairs
Walter Knoll, Salone del Mobile 2015



Temporary Installations
Natuzzi, IMM, Köln 2017 © Tobias Vollmer

Whether you're designing a fair stand, a show setup or a museum, you want to create a memorable experience for the visitor: i-Mesh opens up infinite possibilities. Lightness and ease of installations make i-Mesh the ideal material for temporary installations.



Art Show Setup



Byōbu
Byōbu by i-Mesh is an elegant room divider, inspired by the Japan's architectural heritage and designed for contemporary ways of life.

Italian Design Archipelago



photo © **Lamberto Rubino**
designer **Matteo Belfiore**

Organized as part of the Italian Design Day 2019, the exhibition selects ten companies among the excellences of Italian design present in Japan. A show characterized by the “**i-Mesh Byōbu**” used as background of some of Italian cult design pieces.

Curated by the architect Matteo Belfiore, the 2019 edition of “Italian Design Day” in Tokyo featured ten select companies among the excellences of Italian design. The exhibition was characterized by “i-Mesh Byōbu” used as a metaphoric bridge between Italian and Japanese cultures. Byōbu is an elegant room divider inspired by paper-made historical Japanese furniture.



Lamp designed by Davide Montanaro



Fashion Design United Standard FW 2019 © Piotr-Nespuij



Design

The extreme design flexibility of i-Mesh allows any scale of pattern, and provides a solution for any kind of project.



Lamp
Atara Design

Fashion



Haute Couture
United Standard FW 2019 © Piotr-Nespuij

As a soft personal shelter, we play with fashion design in this partnership with United Standard.

OUTDOOR

***Charming and strong:
a smart solution
against extreme heat***

Alluring and powerful against extreme heat

OUTDOOR



Folding Sun Shading



Fixed Sun Shading



Double-Skin Facade



Temporary Setup

The characteristics of i-Mesh are wonderfully expressed when it is utilized as a shading solution. Actually, i-Mesh allows seeing the sky without being dazzled: a unique effect without competitors in the market. When used outdoors, the excellent technical characteristics of the fibers allow increasing thermal comfort under the shade.

تذوق في إكسبو Eat at Expo



نادي 2020 2020 Club ↑

Sun Shading System
Expo Dubai 2020

photo © Ismail Noor

photos © Ismail Noor



**Thematic Concourse
Expo Dubai 2020, Dubai UAE**



Sun Shading

The **Thematic Concourse** is the longest walking path ever covered to protect from excessive sun radiation. It's the example of the way Comfort can be created in hot cities environment.

The production of the Thematic Concourse pergolas has produced the lowest amount of waste ever created for a textile installation.

As the canopies cover an area of 52.426 m² the aesthetics and effect of this surface in the top view have a profound impact.



A masterpiece example of Soft Architecture. Commissioned to create public comfort at the promenade of Expo City in Dubai, the longest textile sunshade ever made was designed by Werner Sobek with the determination to exploit i-Mesh customization potential and unique structural features.

It is made of the largest beamless pergola module ever made. This was possible thanks to the possibility provided by i-Mesh to create fibers patterns in total freedom, where the fibers run on the load paths. By doing so, all traverse beams typically found in comparable installations have been omitted. From the point of view of sustainability, it means 30 km of extruded aluminum profiles resulting in the avoidance of a global warming potential of 31 tons CO₂ equivalents.



Spain إسبانيا →

↑ Al Wasi Plaza
ساحة الوصل

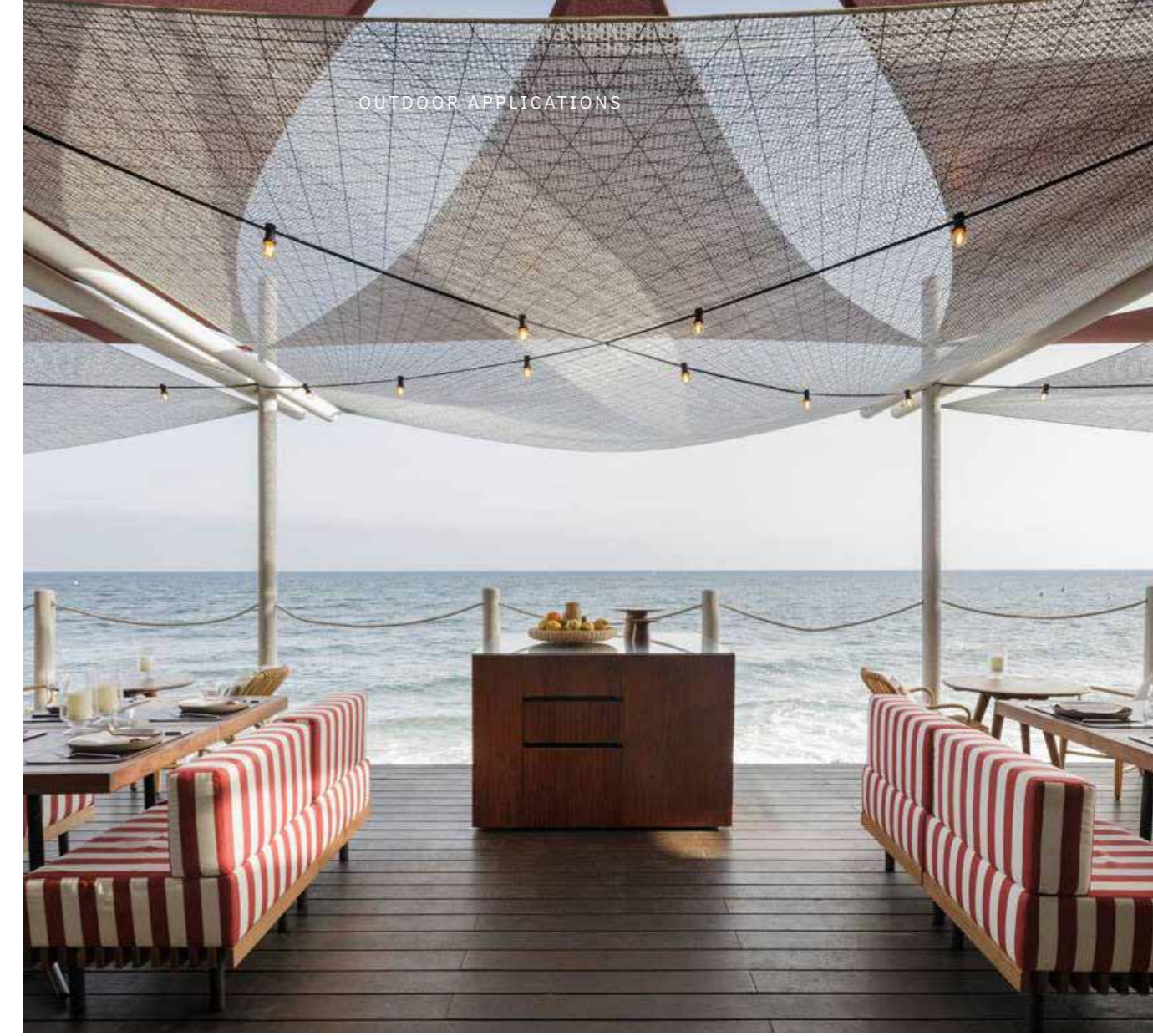
→

→
مركز الزوار
Centre 3
↑
↓
↶
↷



OUTDOOR APPLICATIONS

Folding sun shading system Pieve Torina 2019



OUTDOOR APPLICATIONS

Horizontal sun shading system Soleo Marbella, Marbella 2016

Sun Shading

The extremely broad customization possibilities allow us to compose the most appropriate texture. The permeability of the fabric is optimized so to shade while allowing a view.



Triangular sun shading system
Don Rigoldi, Milano 2015



Horizontal sun shading system
Soleo Marbella, Marbella 2016

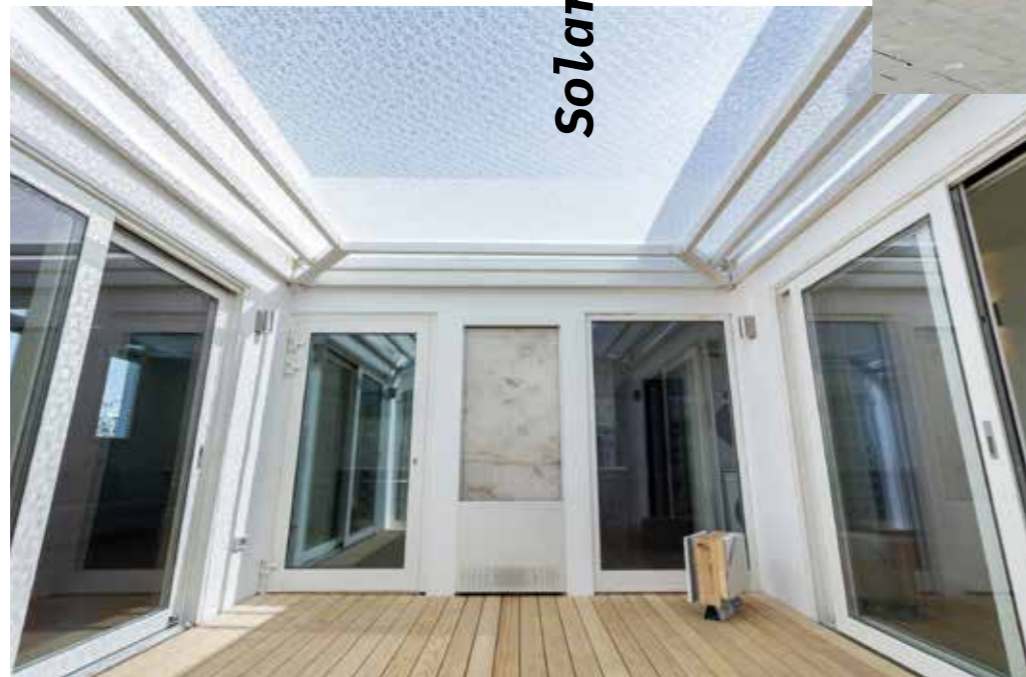


Solar Decathlon Middle East 2018



Facade

We closely work side-by-side with the research departments of several Universities in order to test, analyze and push i-Mesh's performance boundaries beyond our current possibilities, interlacing technologies and know-how from different disciplines.



Outdoor: Dynamic Solar Shading

Solar Decathlon Middle East 2018 w/ La Sapienza University - Dubai 2018

A **“Smart Solar House”** designed by the students of La Sapienza University in Rome. i-Mesh was utilized as a performing material in several solutions: a heat reducing roll-up curtain on a facade, a retractable sunshade of an internal courtyard and as a tailor-made soft divider inspired by Middle Eastern aesthetics.



Temporary installations Alik in Wonderland - Fuorisalone, Milano 2017



Temporary Event Setting Demanio Marittimo, Marzocca 2015

Temporary Setup

i-Mesh for temporary architecture, intended as scenography or event and exhibition stands, is made utilizing the most advanced material technology.



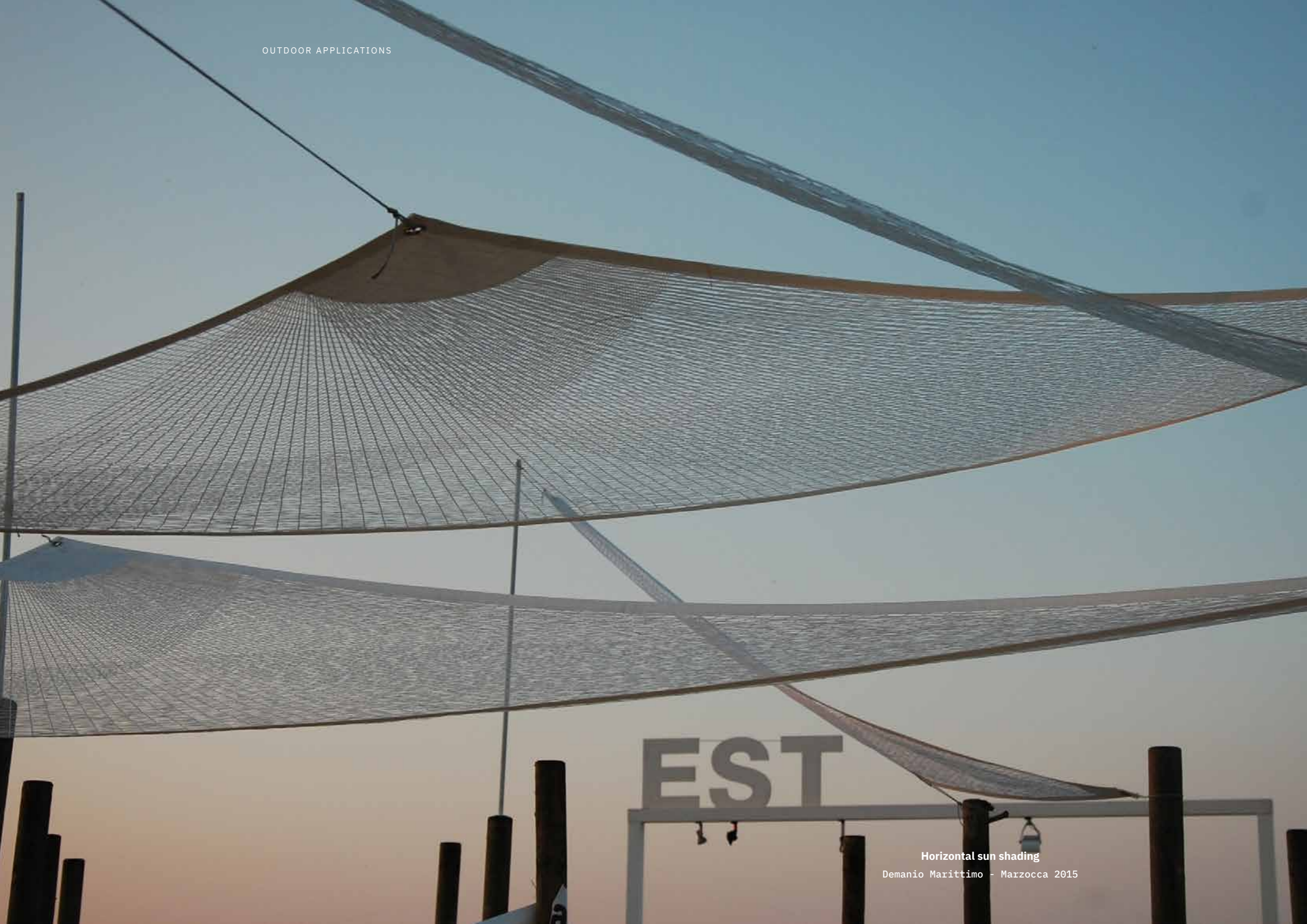
Temporary installations Alik in Wonderland - Fuorisalone, Milano 2017



Temporary Event Setting Demanio Marittimo, Marzocca 2015

Thanks to their lightness and durability, i-Mesh fabrics can be easily transported, stored and re-utilized, always in new ways. Furthermore, projections return images even on low-density textures. Because of its strength and permeability to wind, it's the best solution for outdoor installations.

OUTDOOR APPLICATIONS



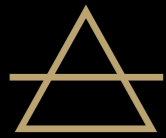
Horizontal sun shading
Demanio Marittimo - Marzocca 2015



i-Mesh Detail
Basalt Fibers

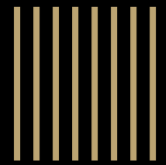
TECHNICALS

***Strong, light, durable.
The mesh from the future.***



Fire Resistance

i-Mesh is certified A-Class for ASTM tests and Class BS1D0 for European standards: the best ratings in terms of fire resistance in the construction market, suited for public installations.



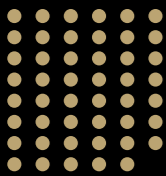
Durability

Aging tests and real-life installations in extreme weather conditions show no changes in the performance or color of the material.



Recyclability

The material is made of just two components: fiber and resin. The resin has a thermoplastic origin, therefore both components can be separated and re-used.



Zero Waste Philosophy

With conventional fabrics, converters buy rolls of material and create a substantial amount of waste transforming the fabric into a panel. With i-Mesh, no industrial waste is generated because it is produced in a custom manner, exactly in the shape and pattern desired.



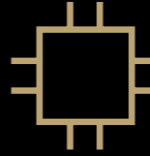
Lightweight

The fibers we use have the best strength-to-weight ratio and are placed only where needed. The outcome is a lightweight material that equates to lower shipping costs, compact sizes and low energy consumption.



Light Properties

When utilized in front of a window, i-Mesh is a great light diffuser, reducing glare discomfort while producing a higher lux level inside the space and still preserving a high level of visual comfort.



Easy Installation

The installation of i-Mesh can be a very simple procedure with savings in terms of manpower and equipment; no skilled workers are required and you can install it yourself.



Natural Ventilation

The permeability of i-Mesh panels allows natural ventilation to flow on both vertical applications such as facades, and on horizontal ones such as covers.



Reusability

Thanks to its natural mechanical resistance, i-Mesh panels generate considerable savings over disposable materials. The panels can be installed and stowed away regularly event after event, or re-cut for new installations.









Thermal Comfort

i-Mesh is classified as cool material which reflects solar irradiation. The use of i-Mesh on facades improves thermal comfort indoors during the hottest months. The cooling properties are enhanced by its air permeability.

Six natural solutions

FIBERS

The six basic colors are the natural colors of the fibers. The mineral tones - Carbon, Glass, Basalt and Volcano have a color stability exceeding 20 years under the sun. During this time it remains as clean and reflective as when new.

		TENSILE STRENGTH TO WEIGHT	HEAT REFLECTANCE	COLOR CHANGE BY UV	COLOR	LIGHT TRANSMITTANCE	STRENGTH AFFECTED BY UV	COST
	Fiberglass is excellent for outdoor solutions because steady over time, due to its capacity of resistance to sunlight exposure and excellent in the matter of reflectance to light and heat.	moderate	low	no	white	medium	no	medium
	Carbon fibers have several advantages including high stiffness, high tensile strength, low weight, high chemical resistance, high temperature tolerance and low thermal expansion.	very high	no	no	black	no	no	high
	Basalt fibers has similar characteristics to fiberglass but has better physico-mechanical properties.	moderate	low	no	brown	no	no	medium
	Volcano derives from the volcanic rock which is enriched in order to enhance its mechanical, thermic and chemical performances.	moderate	medium	no	champagne	moderate	no	medium
	Technora® is a very strong fiber - eight times as strong as steel - and has great heat and chemical resistance.	high	medium	yes	gold	low	yes	medium
	Zylon has very high breaking load and value of elastic modulus; excellent creep and heat resistance.	very high	low	no	copper	no	yes	very high

Fibers mechanical characteristics

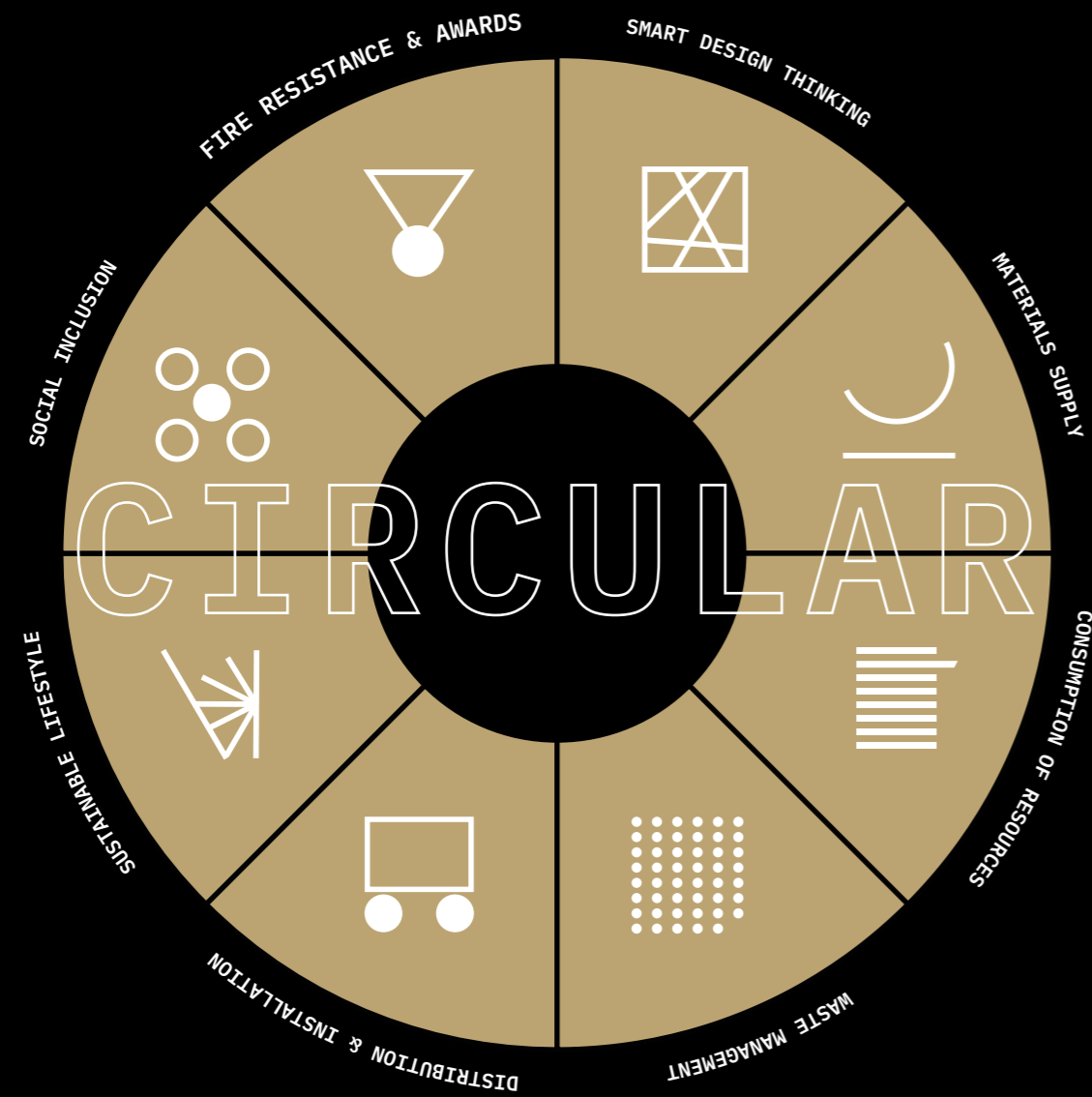
MATERIAL	TENSILE STRENGTH Npa	DENSITY g/cm3	SPECIFIC STRENGTHKN m/kg
Aluminium Alloy (6061-T6)	310	2.70	115
Stainless Steel (304)	505	8.00	63.1
Zylon	5800	1.54	3766
Carbon Fiber	4300	1.75	2457
Technora	3620	1.44	2514
Basalt Fiber	4840	2.70	1790
Volcano	3400	2.60	1307

NORMATED TESTS	PROPERTY	STANDARD
COMPOSITION	Polymer/fiber ratio by TGA	ASTM E1131
	Thermal conductivity	ISO 22007-4
PHYSICAL	Relative density	ASTM D792
	Normal density Mass per Unit Area of Fabric	ASTM D3776/D3776M
	Specific heat	ISO 11357-4
	Light transmittance	ASTM D1003
OPTICAL	Reflectance	ASTM E903
	Gloss	ASTM D523
	UV-B	ISO 4892
AGEING	UV-B	ISO 4892
ACOUSTICS	Reverberation	ISO 11654:1998

i-Mesh technology

MATERIAL	TENSILE STRENGTH Npa
FIBERS	Glass, Basalt, Carbon, Technora, Zylon, Volcano
COMPOSITION	60% fibers - 40% thermoplastics
	PVC FREE
WEIGHT	from 116 gr/sqm to 1000 gr/sqm
SIZE	unlimited
MECHANICAL PROPERTIES	on specification

CERTIFICATIONS	STANDARD	RESULTS
FIRE RETARDANCY	UNI 9174:1987+A1:1996 UNI 9176:1998	ITA Class 1
	EN ISO 11925-2:2010	EU B-s1-d0
	ASTM E84_16-068A	Class A
	CAN ULC S102 16-068B	FSR: 10 - SDC: 35
REFLECTANCY	ASTM E903	70 %
CE	EN 416	
LEED EVALUATION		Up to 34 points



i-Mesh is a simple product. It's made of two components: fibers and a thermoplastic polymer. Strategically exploiting the high durability and the specific physical properties of each fiber, we offer six different fiber types, four of which are mineral.

The 2/10 mm of thermoplastic polymer we protect and bond the fibers with, doesn't change its properties during the industrial process.

This means that it can be separated from the fibers during the recycling operations.

Ellen MacArthur
© Mark Lloyd / BT Team Ellen



Circular Economy

"A circular economy is a systemic approach to economic development designed to benefit businesses, society and the environment.

In contrast to the 'take-make-waste' linear model, a circular economy is regenerative by design and aims to gradually decouple growth from the consumption of finite resources.

Design sits prominently at the heart of the circular economy. Design is key to the first principle of circular economy, "design out waste and pollution."

The reality is that most things today are still designed for the linear model. It requires us to redesign everything: products, business models, cities, and the linear systems that have lasted for the past centuries."

Ellen MacArthur Foundation



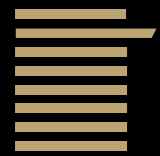
Smart Design thinking

Design thinking is the key of the i-Mesh circular philosophy. In the traditional textile world, making a prototype weave requires tangible investments. With i-Mesh, it is possible to prototype even less than 1 square meter, so we can constantly be testing, refining and easily prototyping. It's very easy for us to generate hundreds, thousands of options using such rules and each option can be evaluated using specific criteria to determine the best performance.



Materials Supply

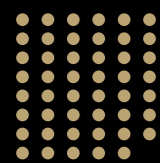
We cannot hide that the process to make such high tech, durable materials are energy hungry, and that the two components we utilize are not produced near us. However, our materials are very light: the weight per square meter is definitely contained. Further, i-Mesh always needs installation hardware that is generally made out of wood or metal. Our supply philosophy aims to facilitate the architects to produce it locally. This approach sustains a local economy and considerably reduce CO2 emissions.



Consumption of Resources

The traditional supply chain of the textile business starts with the (over)production of rolls of fabrics. Then, such rolls are transformed by the jobbers, who generates a remarkable amount of scraps.

We instead, only produce bespoke panels, providing tailored shaped panels ready to be installed. By such a practice, we significantly shorten the traditional supply chain. A short chain means that we save resources in terms of energy, manpower, equipment, money and environment.



Zero Waste Production System

i-Mesh panels are produced by a light, innovative and low energy consumption CAM equipment, which are able to form tailored panels while creating zero scraps. i-Mesh natural mechanical resistance permits to reuse the product countless times in different ways.

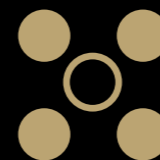
Once the product lifetime is truly over, we supply i-Mesh to the re-cycle centers which can easily separate fibers from polymer because no catalysts or plasticizers are used.



Fire Resistance & Awards

i-Mesh is constantly evolving. Since 2010, we test our products in several research centers, from Europe to Usa, from Japan to Canada.

i-Mesh is rated Class A for the ASTM (American Standards), B1 s1 d0 for European Standards. It's a VoC free product, A+ Class rated. i-Mesh won, among others, the German Design Awards in 2018, the International Design Awards (IDA) in 2017, the Surface Design Awards in 2016.



Social Inclusion

i-Mesh is a little company, driven with hope and passion by 46 people all together. Inside our office departments, we have a prevalence of women on men, while our workers team is multicultural and local at the same time.

We work with people who come from Nigeria, Kurdistan, Macedonia, Albania and, of course, our neighborhood. We perpetrate the model of a glocal and sustainable philosophy oriented to a globalized world.



Sustainable Lifestyle

With i-Mesh we create comfort by controlling the vision, the light, the heat and the reverberation noise. At our company we are with patience and determination modifying all processes in order to improve the sustainability.

Our sustainable approach is shared by all means we can manage, from our website to the direct messages to our users.

Since 2014, our remote work policy allows to reduce the carbon footprints of our commuting employees.



Distribution & Installation

Our B2B business model doesn't generate parasitic costs because after dealing with the architects we sell worldwide directly to the contracting company or to the final user. The lightweight of i-Mesh makes its transport economical, compact and generates low energy consumption. The installation can be a very simple procedure with savings in terms of manpower and equipment. Since 2014, our remote work policy allows to reduce the carbon footprints of our commuting employees.

AESTHETICS

*Unique patterns
tailor-made to suit
everyone's needs.*

Pattern: Runners Collection

i-Mesh is only produced in the form of bespoke panels, tailor-made to suit everyone's needs. Tell us your preferred design in three simple steps:

1



Choose the design

Browse the designs in our collection and choose the one that suits your needs best. Carefully read the description, as some designs are better than others for certain specific uses.

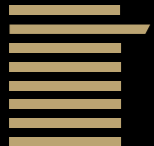
2



Choose the pattern scale

We are available to suggest the best possible i-Mesh combination, for example transparency or occlusion? We can scale the design as you prefer, denser to create more privacy or lighter for more permeability.

3



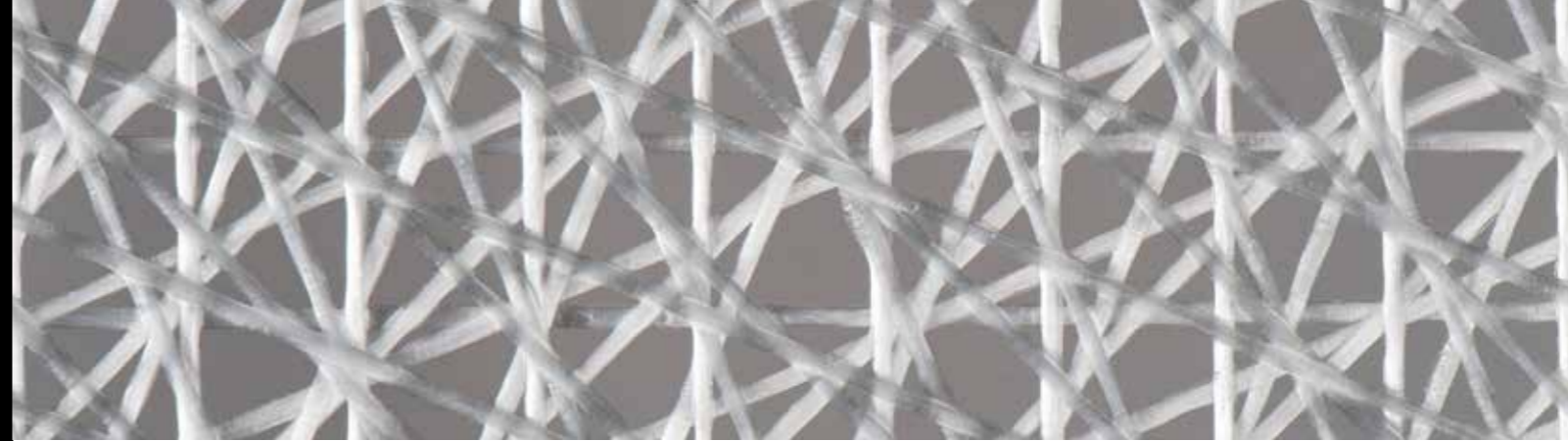
Choose the fibers

We propose six basic colors, which are the natural colors of the fibers. White, black, gold, copper, brown and champagne: select a wonderful monochrome pattern or an amazing blend.

Example:

Design: **Morellet** Fiber: **F** Pattern Scale: **100**

= Code: **Morellet F 100**



1

Design

Morellet

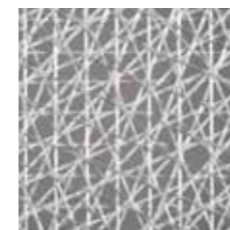
A classic one, clearly inspired by the French artist Morellet. It's ideal for panels tensed in orthogonal directions or for flat curtains.

2

Pattern Scale

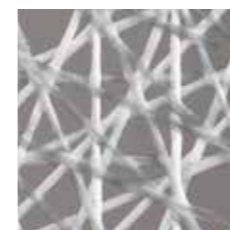
Morellet can be scaled as you prefer.

from 50%
(more privacy)



code: **50**

up to 500%
(more visibility)



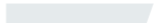
code: **500**

3

Fibers

=

Your Choice

 Fiberglass (**F**)

MORELLET F 100
*100 = i-Mesh standard aperture

 Carbon (**C**)

MORELLET C 100

 Basalt (**B**)

MORELLET B 100

 Technora (**T**)

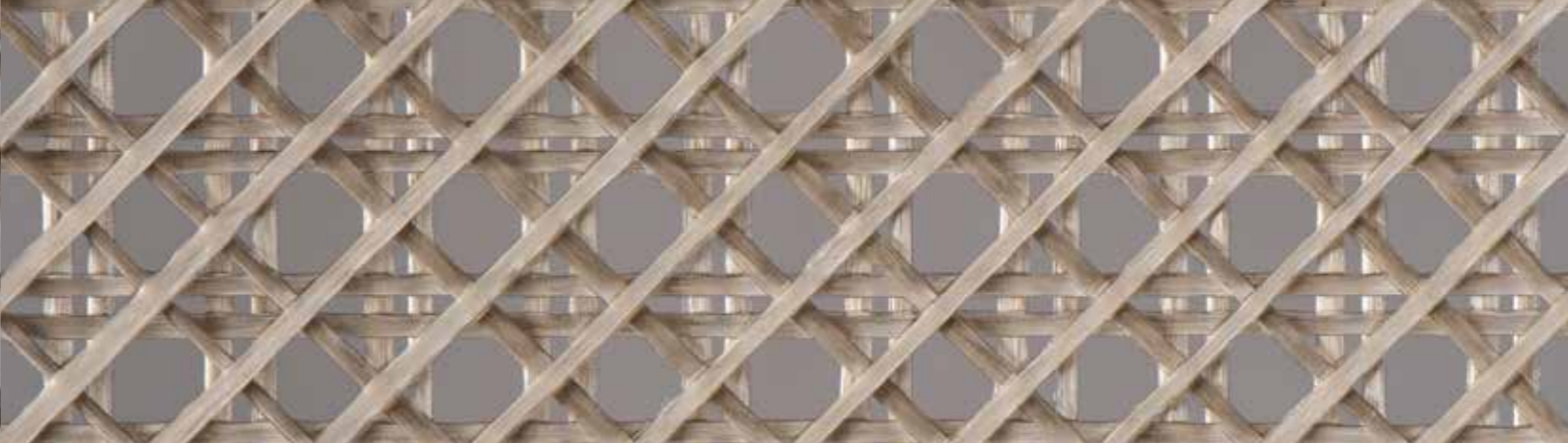
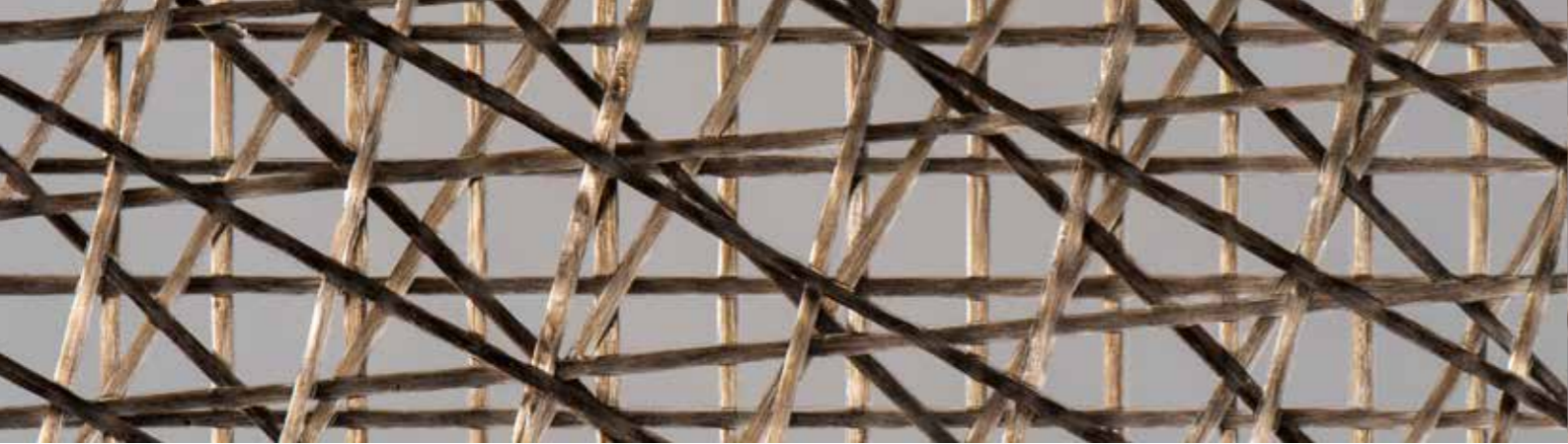
MORELLET T 100

 Zylon (**Z**)

MORELLET Z 100

 Volcano (**V**)

MORELLET V 100


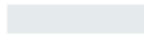
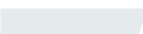















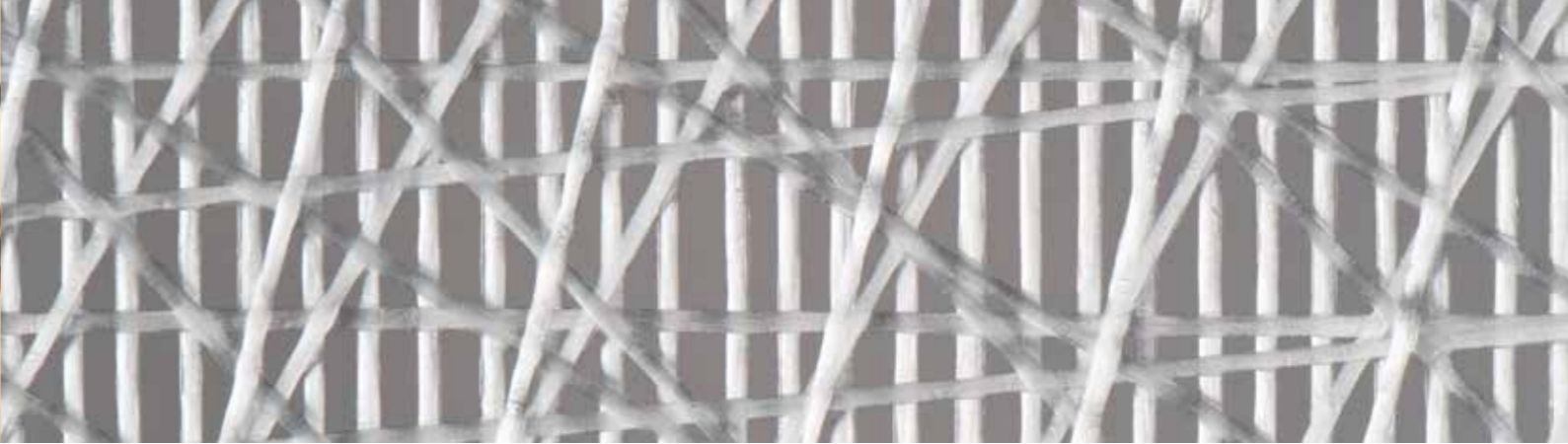
①
Design
Random

Behind an attractive random chaos, lies a checkered pattern which allows the panel to be tensed in both directions.

①
Design
Wien Straw

A great classic in the world of textures. At our local mountain communities, this pattern was made of wicker for the international furniture companies.

② Pattern Scale	③ Fibers	= Your Choice	② Pattern Scale	③ Fibers	= Your Choice
Random can be scaled as you prefer.	 Basalt (B)	RANDOM B 100 <small>*100 = i-Mesh standard aperture</small>	Wien Straw can be scaled as you prefer.	 Fiberglass (F)	WIEN STRAW V 100 <small>*100 = i-Mesh standard aperture</small>
from 50% (more privacy)	 Fiberglass (F)	RANDOM F 100	from 100% (more privacy)	 Carbon (C)	WIEN STRAW F 100
 code: 50	 Carbon (C)	RANDOM C 100	 code: 100	 Basalt (B)	WIEN STRAW B 100
up to 200% (more visibility)	 Technora (T)	RANDOM T 100	up to 500% (more visibility)	 Technora (T)	WIEN STRAW T 100
 code: 200	 Zylon (Z)	RANDOM Z 100	 code: 500	 Zylon (Z)	WIEN STRAW Z 100
	 Volcano (V)	RANDOM V 100		 Volcano (V)	WIEN STRAW C 100

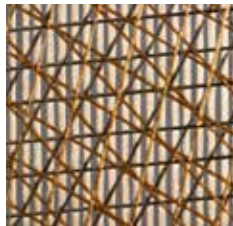










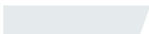
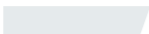
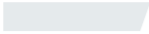
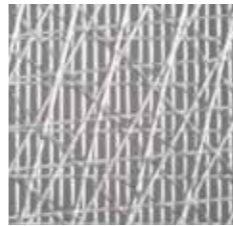
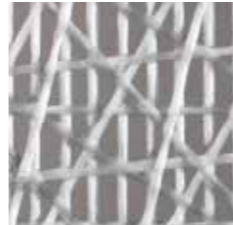
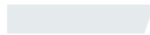







1
Design
Three Golds

It can be flat and rigid if tensed along the vertical direction. Otherwise, the panel can be rolled up if tensed horizontally.

1
Design
Sunshield

It keeps the performance features of a Three Golds pattern, being even more see-through. It's ideal as base for adding other patterns upon.

<p>2 Pattern Scale</p>	<p>3 Fibers</p>	<p>= Your Choice</p>	<p>2 Pattern Scale</p>	<p>3 Fibers</p>	<p>= Your Choice</p>
<p>Three Golds can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Technora (T)  Basalt (B)  Zylon (Z) <hr/> <ul style="list-style-type: none">  Technora (T)  Carbon (C)  Zylon (Z) <hr/> <ul style="list-style-type: none">  Zylon (Z)  Basalt (B)  Volcano (V) <hr/> <ul style="list-style-type: none">  Fiberglass (F)  Fiberglass (F)  Fiberglass (F) 	<p>3GOLDS TBZ 100 <i>*100 = i-Mesh standard aperture</i></p> <hr/> <p>3GOLDS TCZ 100</p> <hr/> <p>3GOLDS ZBV 100</p> <hr/> <p>3GOLDS FFF 100</p>	<p>Sunshield can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Fiberglass (F) <hr/> <ul style="list-style-type: none">  Carbon (C) <hr/> <ul style="list-style-type: none">  Basalt (B) <hr/> <ul style="list-style-type: none">  Technora (T) <hr/> <ul style="list-style-type: none">  Zylon (Z) <hr/> <ul style="list-style-type: none">  Volcano (V) 	<p>SUNSHIELD F 100 <i>*100 = i-Mesh standard aperture</i></p> <hr/> <p>SUNSHIELD C 100</p> <hr/> <p>SUNSHIELD B 100</p> <hr/> <p>SUNSHIELD T 100</p> <hr/> <p>SUNSHIELD Z 100</p> <hr/> <p>SUNSHIELD V 100</p>



1

Design

WK

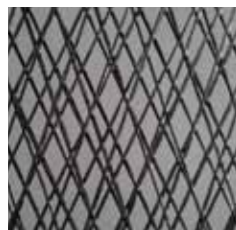
First pattern developed for wavy curtains, designed by Ippolito Fleitz Group for Walter Knoll.

2

Pattern Scale

WK can be scaled as you prefer.

from 50% (more privacy)



code: **50**

up to 200% (more visibility)



code: **200**

3

Fibers

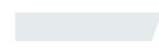
=

Your Choice



Carbon **(C)**

WK C 100



Fiberglass **(F)**

WK F 100



Basalt **(B)**

WK B 100



Technora **(T)**

WK T 100



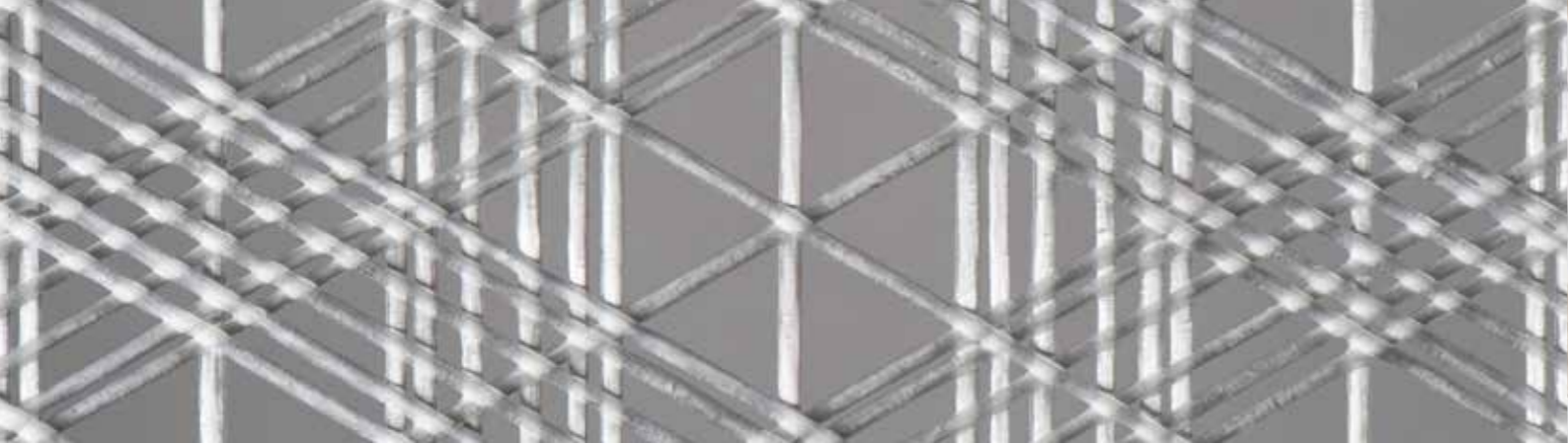
Zylon **(Z)**

WK Z 100



Volcano **(V)**

WK V 100

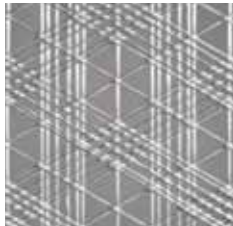


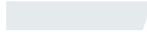






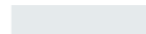

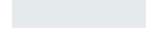

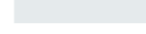


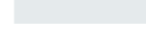




1
Design
Ninnaji

A design of rhomboids and hexagons, inspired by some details of the Ninna-Ji Kyoto Temple in Japan. It can be tensed following the diagonal directions of the fibres.

1
Design
Tartan

Inspired by the Scottish culture, the i-Mesh Tartan it's a classic and elegant pattern, which invites designers to play with fiber colors and geometries.

<p>2 Pattern Scale</p>	<p>3 Fibers</p>	<p>= Your Choice</p>	<p>2 Pattern Scale</p>	<p>3 Fibers</p>	<p>= Your Choice</p>
<p>Ninnaji can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Carbon (C)  Fiberglass (F)  Basalt (B)  Technora (T)  Zylon (Z)  Volcano (V) 	<ul style="list-style-type: none"> NINNAJI F 100 <i>*100 = i-Mesh standard aperture</i> NINNAJI C 100 NINNAJI B 100 NINNAJI T 100 NINNAJI Z 100 NINNAJI V 100 	<p>Tartan can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Fiberglass (F)  Volcano (V)  Fiberglass (F)  Technora (T)  Fiberglass (F)  Volcano (V)  Zylon (Z)  Fiberglass (F)  Volcano (V)  Carbon (C) 	<ul style="list-style-type: none"> TARTAN FV 100 <i>*100 = i-Mesh standard aperture</i> TARTAN FT 100 TARTAN FVZ 100 TARTAN FVC 100




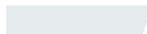





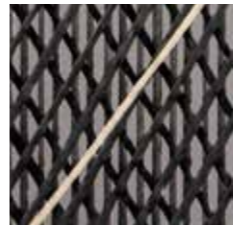








①
Design
Vivienne

Considering its perfect geometry, it's ideal for tensed facades system. The texture name comes from a specific request by Vivienne Westwood.

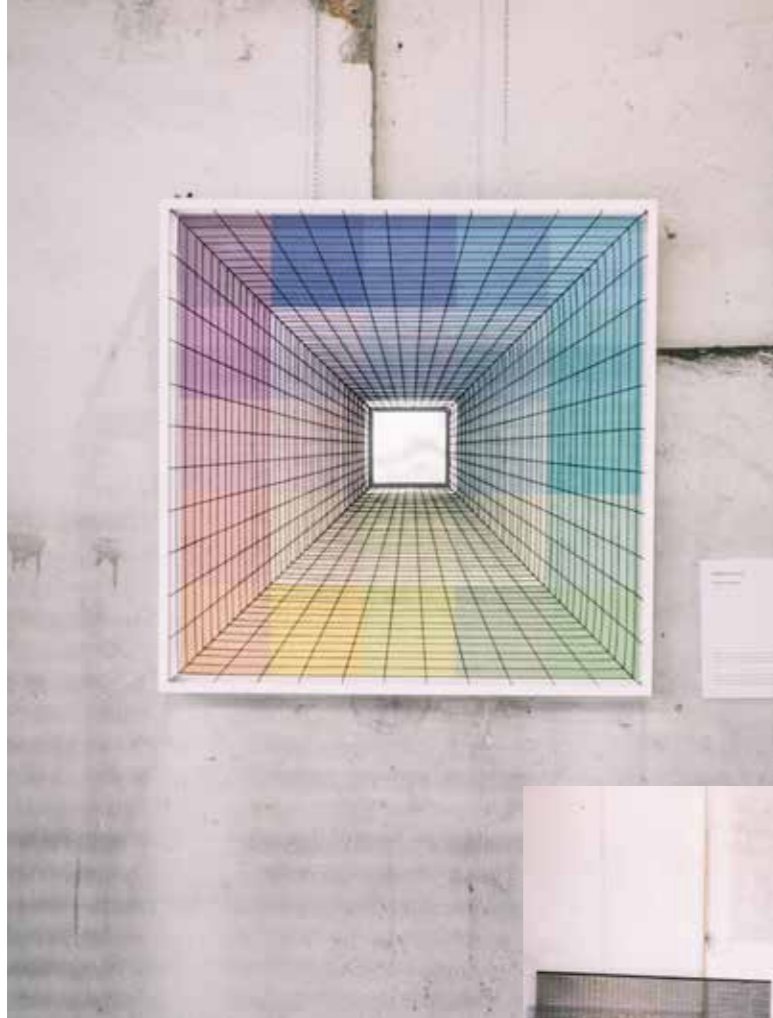
①
Design
Blocker

Blocker satisfies the privacy needs: usually made in carbon fibre, this geometry with low permeability is the most darkening within the i-Mesh patterns.

② Pattern Scale	③ Fibers	= Your Choice	② Pattern Scale	③ Fibers	= Your Choice
<p>Vivienne can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Carbon (C)  Fiberglass (F)  Basalt (B)  Technora (T)  Zylon (Z)  Volcano (V) 	<ul style="list-style-type: none"> VIVIENNE V 100 <i>*100 = i-Mesh standard aperture</i> VIVIENNE F 100 VIVIENNE B 100 VIVIENNE T 100 VIVIENNE Z 100 VIVIENNE V 100 	<p>Blocker can be scaled as you prefer.</p> <p>from 100% (more privacy)</p>  <p>code: 100</p> <p>up to 200% (more visibility)</p>  <p>code: 200</p>	<ul style="list-style-type: none">  Carbon (C)  Zylon (Z)  Carbon (C)  Basalt (B)  Zylon (Z)  Basalt (B) 	<ul style="list-style-type: none"> BLOCKER CZ 100 <i>*100 = i-Mesh standard aperture</i> BLOCKER C 100 BLOCKER BZ 100 BLOCKER B 100

TAPESTRY COLLECTION

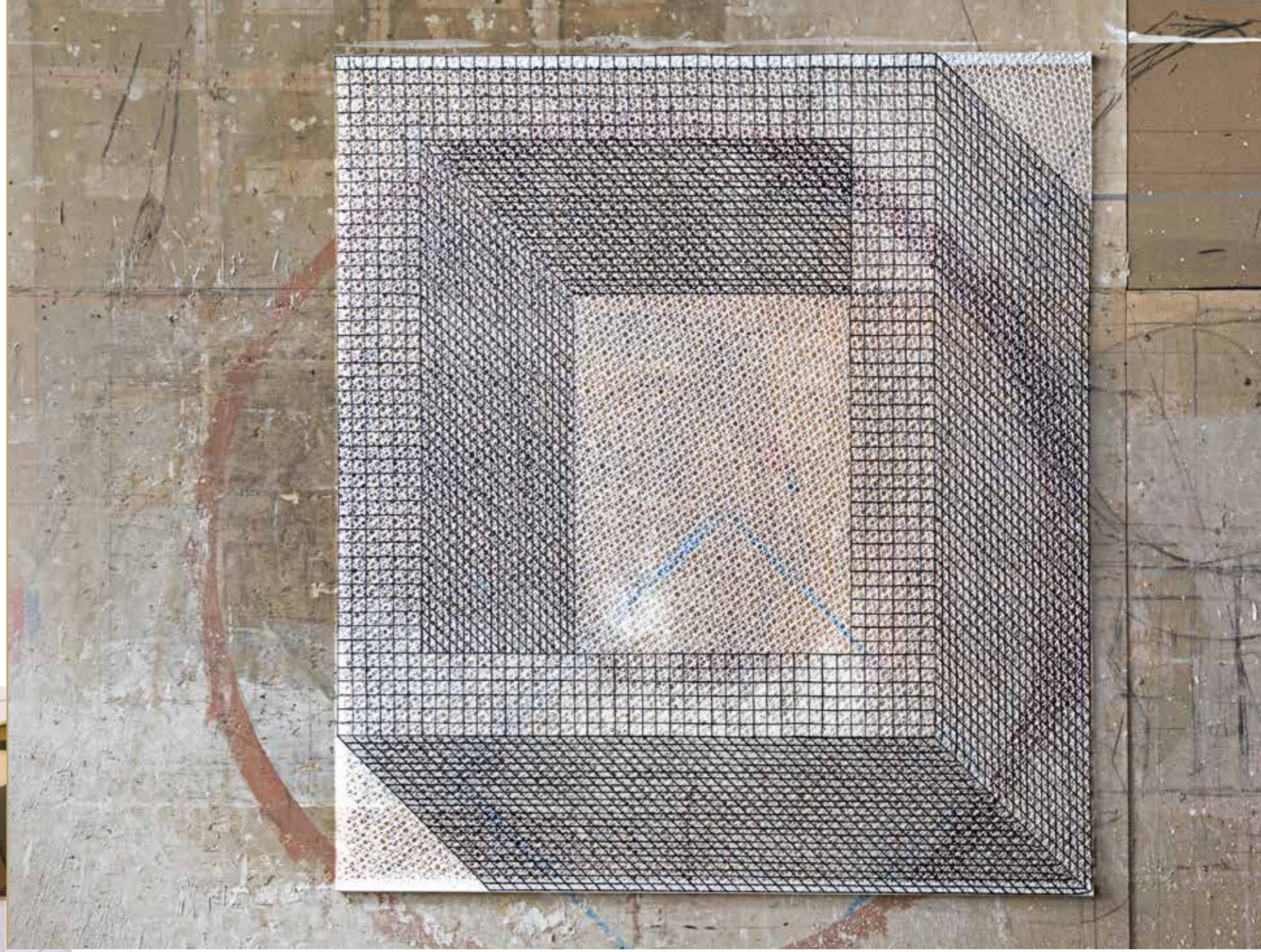
*Experimenting with
aesthetic poetic
languages.*



Alberonero Prospettiva Centrale



**Contemporary Tapestry
Milano Design Week 2018**



Cristiano Toraldo di Francia Istogramma

The **Tapestry Collection** was first presented at Design Week 2018 and stimulated dialogue with a special and coherent location - the fascinating post-industrial space of the historic Cova confectionery industry in the emerging NoLO area, north of Milan. The collection is regularly exhibited in art and design galleries.

Contemporary Tapestry is the infinite story of thread becoming texture, new material, technological fabric for facades, covers, accessories, screens, gadgets. Fluid, flexible, iconic, art object and project, architecture, design. Alberto Fiorenzi's intuition is the story of a material which has been borrowed from the performance world, reconverted, rendered pure, absolute, naked against form and creation, able to reconnect the threads of the semantic future with the history and experience of Superstudio and Cristiano Toraldo di Francia.

Soft Architecture

Histogram is a tribute to the transformation of the rigid enclosure of architecture into a new digital window that connects different spaces, the past and present, reducing the object's stiffness into the soft and light fiber of i-Mesh's transparent fabric.



A Journey from A to B, da Gli Atti fondamentali, Vita (Supersuperficie) **SUPERSTUDIO** (Courtesy Archivio Superstudio)

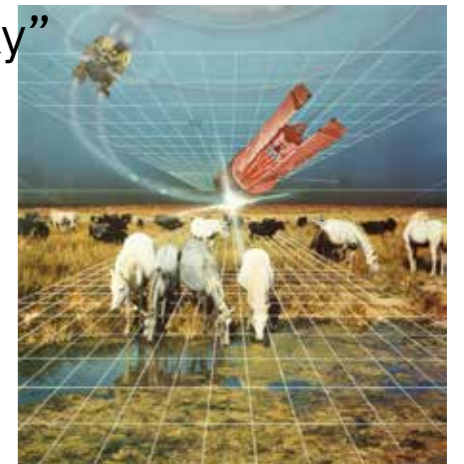


Cristiano Toraldo di Francia

Cristiano Toraldo di Francia founded Superstudio in Florence in 1966: the experience will come to mark recent history's poetics, aesthetics and conceptualizations of architecture and design with works, objects and products that have been the protagonists of some of the most important collections in the world - MoMA, MET, Pompidou Center, Frac and MAXXI.

“Cristiano inferred and recognized the target together with the actuality of the project, the same that he had theorized as far back as Superstudio when he hypothesized infinite surfaces placed equally on the ground and in the sky”

“Visual and conceptual affinity, as i-Mesh unites people and cultures just like the neural networks that supply the earth and put the planet in communication. Thus the Superstudio Histogram has evolved into the world of i-Mesh, in a theme which is at times decorative and always technological, testifying the cultural heritage of peoples and the permanence of millennial traditions which are renewed.”



TAPESTRY COLLECTION

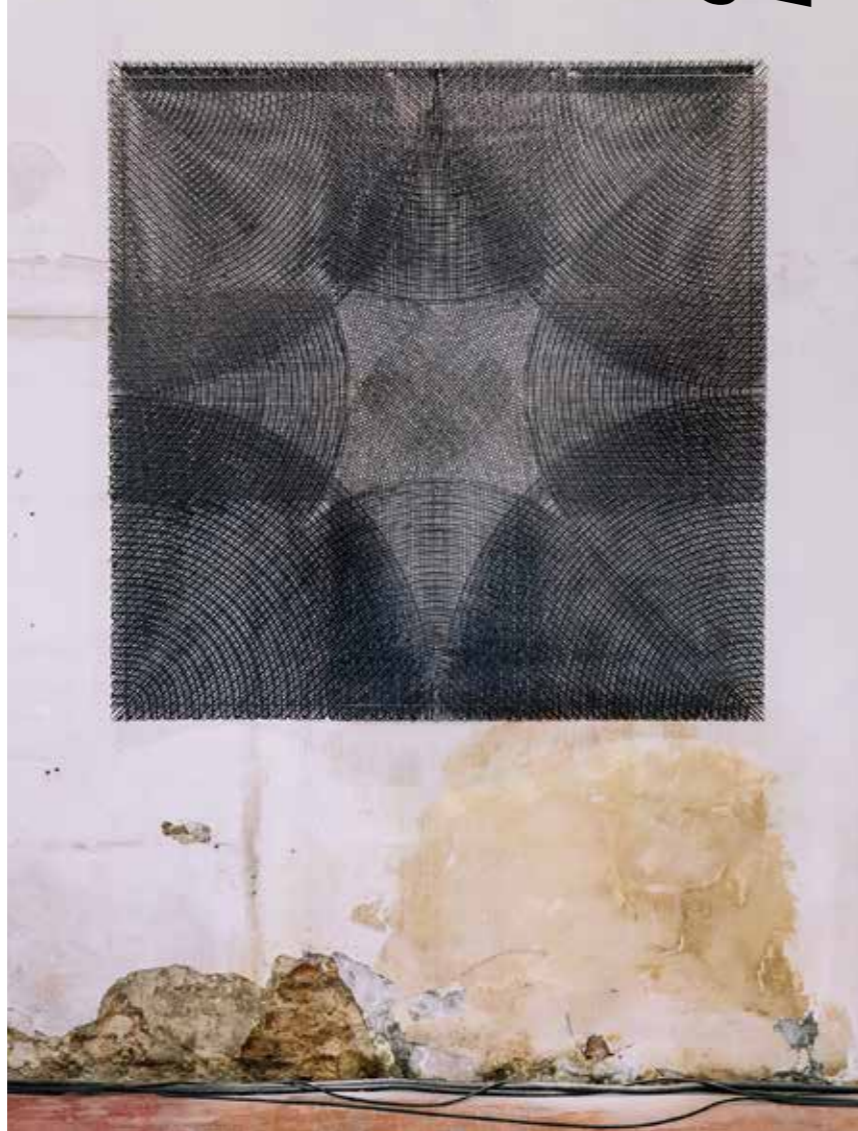
Rona Meyuchas Koblenz - Mountains
Tapestry Detail, © Sirio Vanelli



**Contemporary Tapestry
Milano Design Week 2018**

Migliore + Servetto Shades

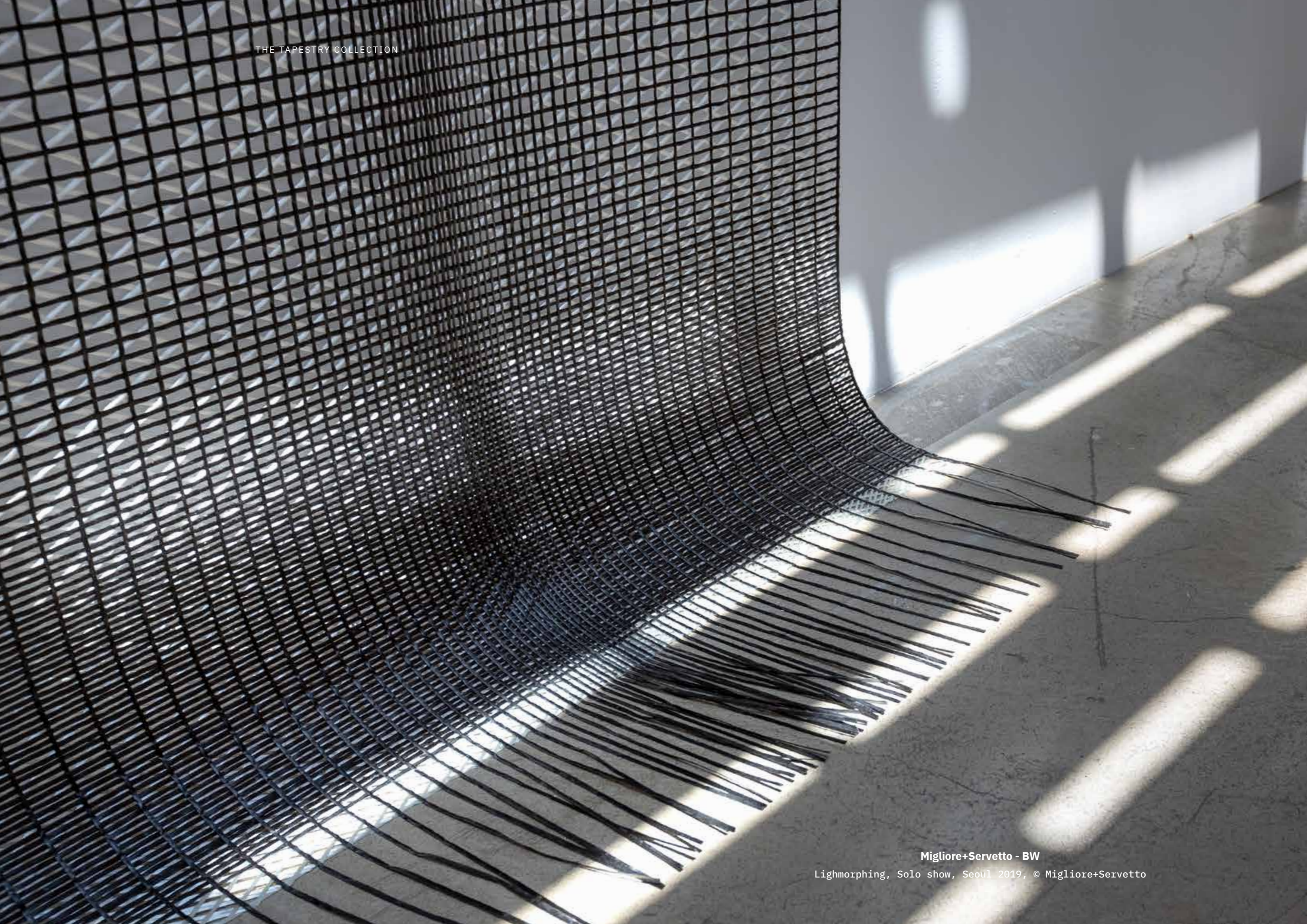
An area of passage, as transient as i-Mesh in its many and constantly questioning metamorphoses, with the tapestries displayed in the immense spaces invaded by disordered and interrogating vegetation - a weave in its own right - in an indecipherable open / closed context between experimental design projects, galleries, institutions and avant-garde companies, all engaged in the search for meaning and function in relation to the themes of living and contemporary homes.



Marco Ferreri Fortefibra



THE TAPESTRY COLLECTION



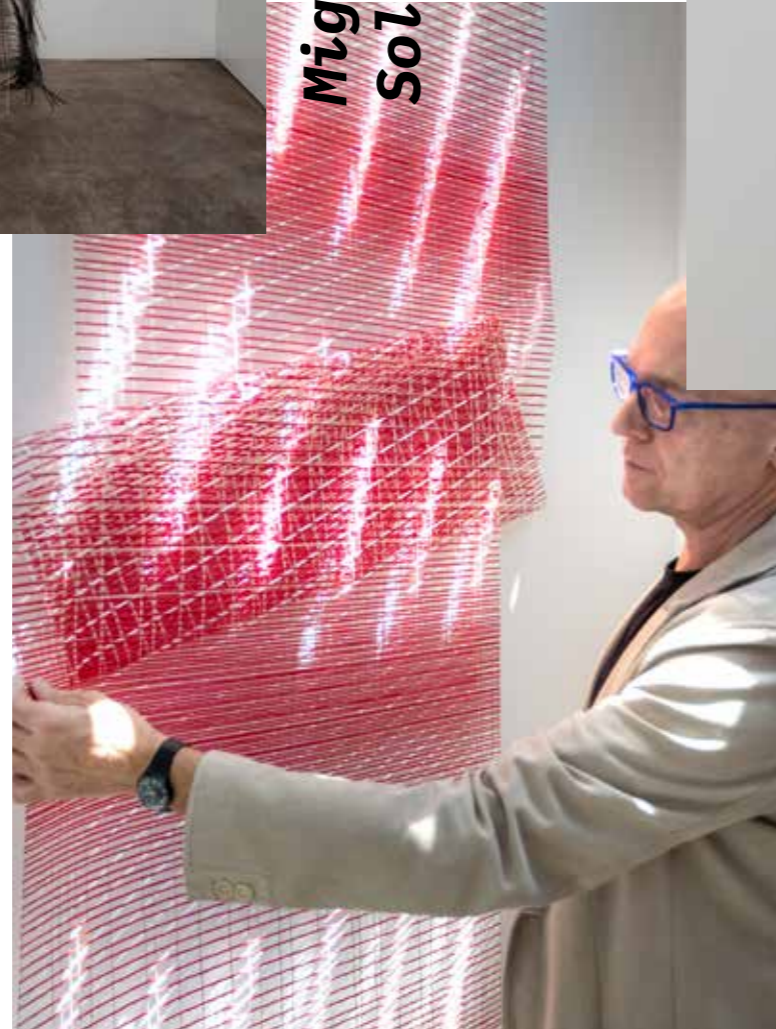
Migliore+Servetto - BW

Lighmorphing, Solo show, Seoul 2019, © Migliore+Servetto



Migliore + Servetto
Lightmorphing
Solo Show in Seoul, Korea

Migliore + Servetto
Solo Show in Seoul, Korea



Migliore + Servetto
Solo Show in Seoul, Korea



Migliore + Servetto Lightmorphing, Solo Show in Seoul, Korea

Lightmorphing: light and space on show for the first Korean solo exhibition of the Italian studio Migliore+Servetto Architects, at Onground Gallery in Seoul.

“Lightmorphing” is a concept which the studio has been working on for several years that gives life to site-specific dynamic installations that interact with both natural and artificial light, and through this light are shaped, fused and amplified in the space in between. “The exhibition focuses on the richness and power of the relationship between space, lighting and structures, seen in its dynamic and changing dimension,” explained Ico Migliore and Mara Servetto, co-founders of the studio.



Arazzi Contemporanei
i-Mesh Collective Show, Roma 2020
© Ilaria Ieie



**Contemporary Tapestries
Contemporary Cluster, Roma**



Arazzi Contemporanei
i-Mesh Collective Show, Roma 2020 © Ilaria Ieie



Contemporary Tapestries Collective Show @ Contemporary Cluster, Roma 2020 ©Ilaria Ieie

After Milan, Contemporary Tapestries, the collective show curated and produced by i-Mesh, is on display in Rome, with *Istogramma* by Cristiano Toraldo di Francia and many other authors, creators of beautiful pieces.

Just a few months after his passing, i-Mesh likes to pay tribute to Cristiano Toraldo di Francia by continuing along a path that he began with us in 2017. He had used i-Mesh scraps in the teaching activities called "Librabito" then he accepted the invitation to create a tapestry, and therefore he contributed his reputation in helping us start reflections on Soft Architecture.

TAPESTRY COLLECTION



Contemporary Tapestries, Collective Show
curated by i-Mesh, Roma 2020 © Ilaria Ieie

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