
Hanex
HYUNDAI
L&C

Key Feature

Chapter 1

Sustainability,

Hanex

Chapter 2

Turning Imagination into Reality,

Hanex

Chapter 3

Natural,

Hanex

Hanex

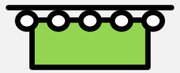
Sustainability & the Environment

Sustainability | Eco-Friendly | Certification | Casting Unit









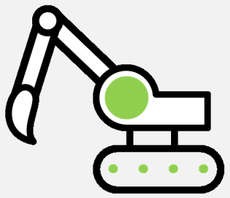
Sustainable Building Materials

The number of buildings worldwide is expected to double by 2060.
To solve the problem of carbon dioxide generated in the manufacturing and construction process of building materials, appropriate action is required. [Source : gensler.com]



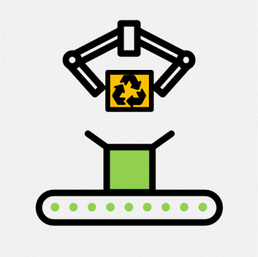
Sustainable Building Materials

Through ISO 14001 Environmental Management System and the Environmental Performance Labeling(EPD) system, Hanex efficiently manages environmental risks by quantifying, systematically identifying, evaluating, managing, and improving the environmental properties of inputs and emissions in the entire process of manufacturing, transportation, construction, and disposal of products.



Materials Extractions

Use of high-quality Raw Materials



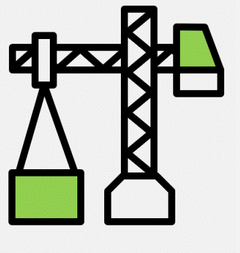
Materials Manufacturing

Reuse Raw Material



Transportation

Minimizing Transportation distance



Building Construction

Manufactured to On-Site Standards



70%
Natural mineral

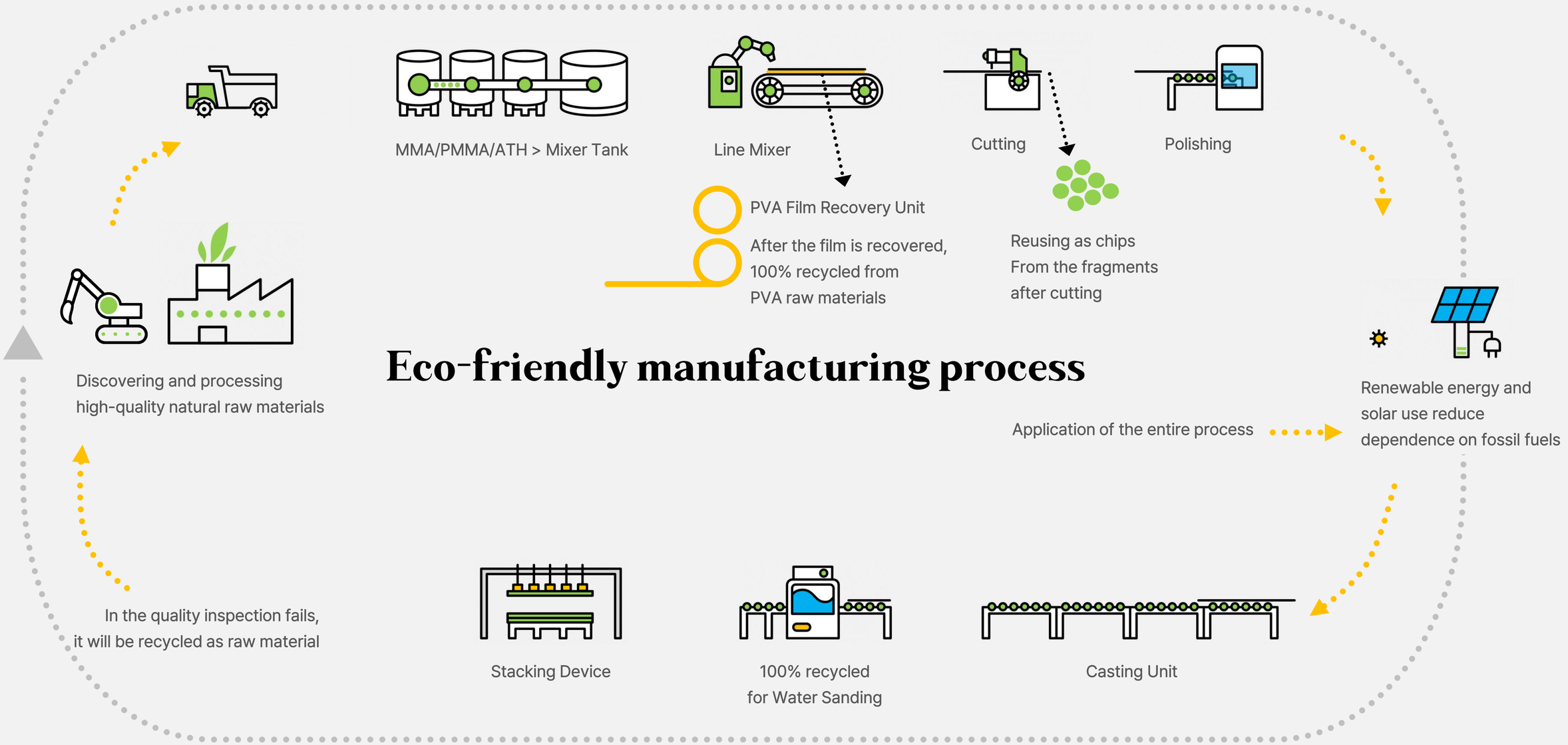
Bauxite, a natural mineral
Aluminum hydroxide made from
Raw materials



30%
Eco-friendly resin

High performance acrylics and natural pigments

Eco-friendly manufacturing process



Proven Eco-Friendly

The HANEX product line has passed the strict examination standards of national and global certification bodies. We provide safe and Eco-friendly quality for any construction environment.





SCS Recycled Content

SCS Recycled Content Certification verifies the percentage of a product that was made from recycled content.
This certification is for product manufacturers that use post-consumer recycled content and make a verified claim.

* The certificate applies to N-WHITE, MARELINHO, CLARA, VENATO SPARKLE, VENATO SNOW, VOLARE, ROMANO, and confirms the use of 6% pre-consumer recycled content.

GREEN GUARD

Hanex is safe from volatile organic compounds (VOCs) exposed to the air from indoor building materials and has been designated as GREENGUARD's strictest Gold rating.

※ Complies with US Environmental Protection Agency (EPA) standards



NSF

Hanex meets US FDA regulations,
it is a hygienic surface material
that is safe even if food meets the surface.

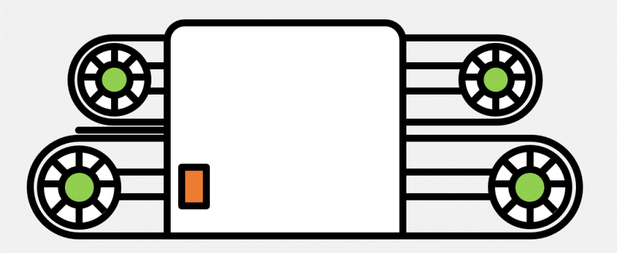
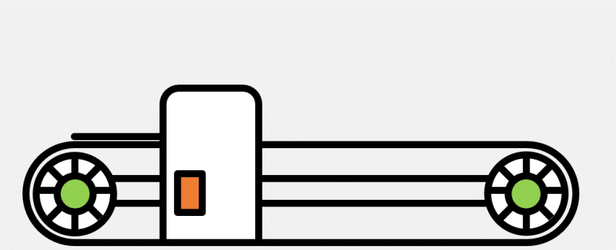




USGBC

From the United States Green Building Council (USGBC)
for building projects using Hanex.
You can score for LEED v4.1 BD+C and ID+C

Casting Unit

Category	Double Belt Casting Unit	Single Belt Casting Unit
Casting		
Equipment	Sandvik (Switzerland)	Berndorf (Austria)
Advantages	Uniform Pattern Stability (Minimize Losses)	Fast Production
Design	Unique Vein Pattern (Not copyable)	Generic Vein Pattern
Curing	Medium-Temperature Curing Method	Room Temperature Curing Method
Environment	Curing with Hot Water (100% Recycled Water)	Using PVA film (Recycled PVA raw materials)
Operation	**Hyundai L&C Proprietary**	Owned by Hyundai L&C and Other Companies

Only Hanex

Double Belt is Hanex's own production line that can implement natural marble looks such as Travertine and Calacatta.

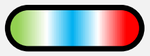
As heat is evenly transferred up and down during manufacturing, it has excellent quality stability **and boasts high durability even after 10 years construction.**



Hanex

Turning Imagination into Reality

Colorful Spectrum



Perfect Seam



Thermoforming



Light Transmittance



Antibacterial

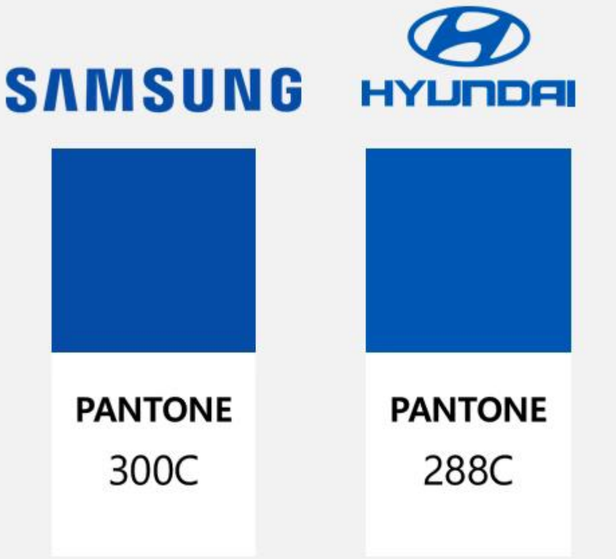




Colorful Spectrum | Perfect Seam | Thermo -forming | Light Transmittance | Antibacterial

Color Spectrum

Variety of color spectrum, with samples responded to **within 1 week at the request of the customer.**
Color differences between materials are **controlled within △E 1**, the most stringent level in the industry, to ensure a stable supply of colors.





Colorful Design

To differentiate your corporate identity and brand,
try using Hanex with identity colors in your space.
Convey a consistent message and value
to your customers.



Colorful Design

Disney store

Pangyo, Korea

Design : Disney



Colorful Design

Disney store

Pangyo, Korea

Design : Disney



Colorful Design

Disney store

Pangyo, Korea

Design : Disney



Colorful Design

Baskin Robbins

Seoul, Korea

Design : SPC



Colorful Design

Baskin Robbins

Seoul, Korea

Design : SPC



Colorful Design

Moka Play

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Colorful Design

Moka Play

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Colorful Design

Moka Play

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Colorful Design

Moka Library

Namyangju, Library

Design : Jaime Hayon, NADE EG



Perfect Seam

The seamless finish not only **enhances the details** of the design, but also **prevents contamination and mud** that can occur at the joints, making it easier to maintain.

Hanex



There are many expensive and good materials.
However, the budget is always limited and the field is full of constraints. In this environment,
Hanex is a **cost-effective choice** and a reliable material that promises a smooth finish.



It is easy to control the material because it can be processed and installed in any shape with general wood tools.
Since it can be joined, curved, machined, and cut without seams, designers and architects **can create whatever they want**.



Perfect Seam

The completion of a premium design is
determined by the finish.
Smooth design is a technology that enriches the user
experience and is a quality that can be seen by the eye.

Color : N-white



Perfect Seam

The completion of a premium design is
determined by the finish.
Smooth design is a technology that enriches the user
experience and is a quality that can be seen by the eye.
Color : N-white



Seamless Design

Hyundai Dept Store

Incheon, Korea





Seamless Design

Hyundai Dept Store

Incheon, Korea



Seamless Design

Livart

Seoul, Korea

Design : Livart Internal Design Team



Seamless Design

Livart

Seoul, Korea

Design : Livart Internal Design Team



Seamless Design

TOUS les JOURS

Seoul, Korea



Seamless Design

TOUS les JOURS

Seoul, Korea



Seamless Design

TOUS les JOURS

Seoul, Korea



Seamless Design

Space One

Namyangju, Korea

Design : Jaime Hayon, NADE EG

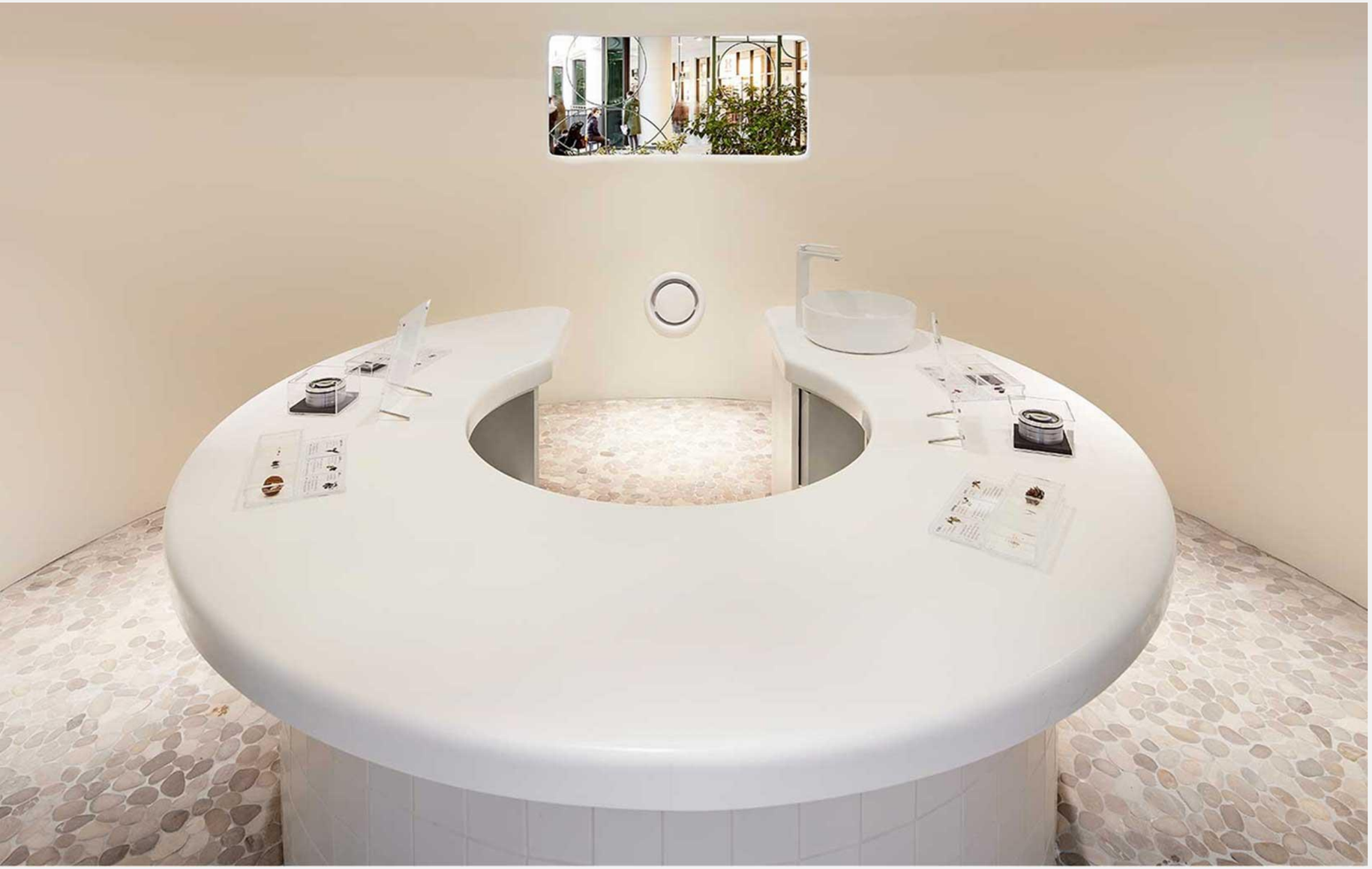


Seamless Design

Space One

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Seamless Design

Space One

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Seamless Design

Space One

Namyangju, Korea

Design : Jaime Hayon, NADE EG



Seamless Design

Aekyung Tower

Seoul, Korea

Design : ANU Design Group



Seamless Design

Aekyung Tower

Seoul, Korea

Design : ANU Design Group



Seamless Design

Aekyung Tower

Seoul, Korea

Design : ANU Design Group



Seamless Design

Aekyung Tower

Seoul, Korea

Design : ANU Design Group



Seamless Design

Chengdu Airport

Chengdu, China

Design : CSCEC



Seamless Design

Chengdu Airport

Chengdu, China

Design : CSCEC



Seamless Design

Restaurant

3D Rendering

Color: Hanex Marron



Seamless Design

Restaurant

3D Rendering

Color: Hanex Marron

Colorful Spectrum | Perfect Seam | Thermo -forming | Light Transmittance | Antibacterial







Thermoforming

Curves can be created **freely through thermoforming**, actualizing the creativity of designers and architects. It also provides **excellent functions** for structural applications required for the strength and durability of buildings.

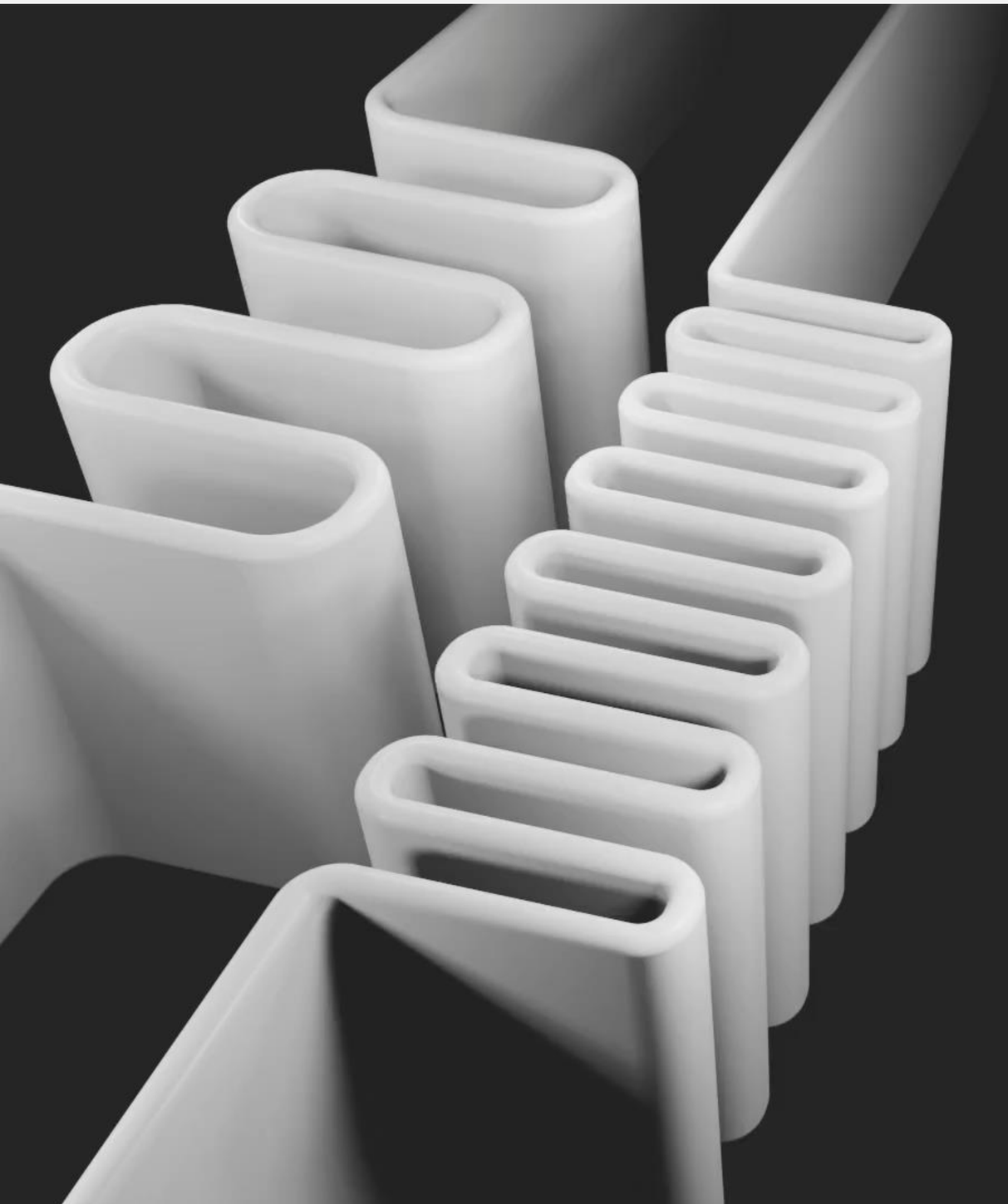
ARCADIS



SEL
SIMPLE:Really is Smart

Creative Design

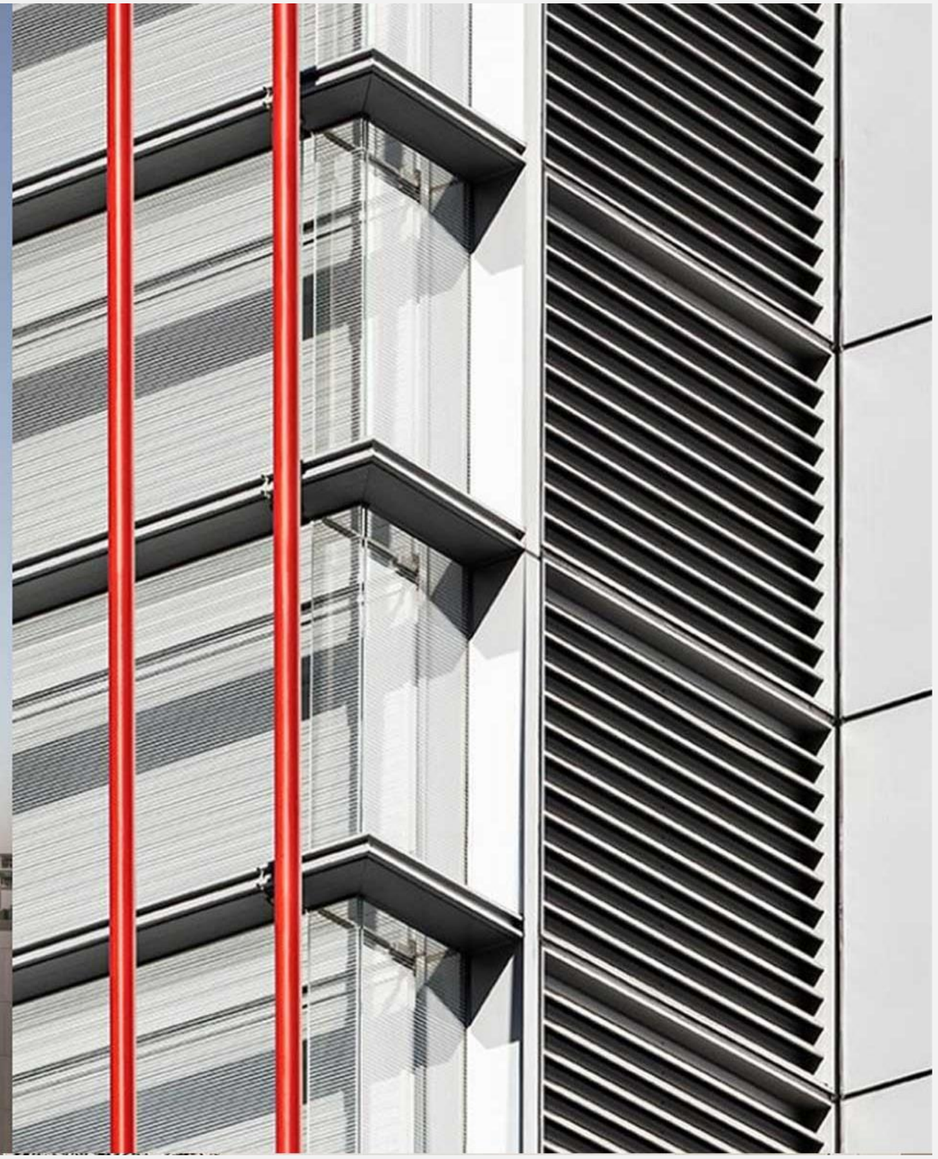
Hanex, which has been selected by the world's leading designers and global architectural design firms, is used all over the world and is recognized as a building material that improves environmental performance in line with each country and makes creative designs a reality.



Creative Design

Hanex introduces **N-White Thermoforming Tech**,
A breakthrough in material engineering.
With the ability to **fold completely** to a minimum radius of 0mm,
setting a new standard for flexibility and precision in design.





Creative Design

The Hyundai Seoul

Seoul, Korea

Design :
Richard George Rogers, NADE ENG



Creative Design

The Hyundai Seoul

Seoul, Korea

Design :
Richard George Rogers, NADE ENG



Creative Design

The Hyundai Seoul

Seoul, Korea

Design :
Richard George Rogers, NADE ENG



Creative Design

The Hyundai Seoul

Seoul, Korea

Design :
Richard George Rogers, NADE ENG



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Incheon International Airport

Incheon, Korea

Design : Gensler, Heerim



Creative Design

Starbucks

Taipei, Taiwan

Design : Starbucks Taiwan



Creative Design

Starbucks

Taipei, Taiwan

Design : Starbucks Taiwan

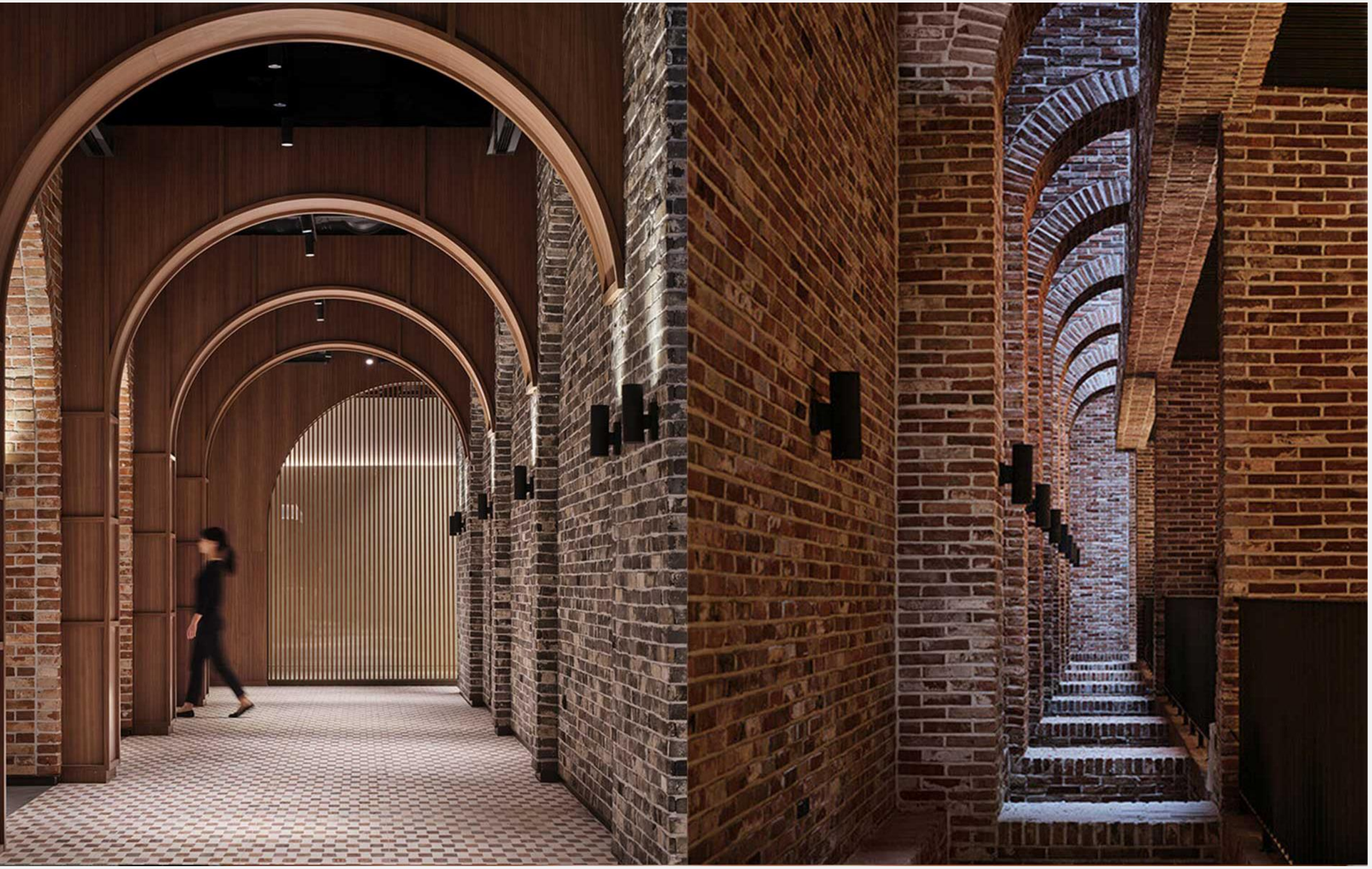


Creative Design

Starbucks

Taipei, Taiwan

Design : Starbucks Taiwan



Creative Design

Ananti Gangnam

Seoul, Korea

Design : SEL



Creative Design

Ananti Gangnam

Seoul, Korea

Design : SEL



Creative Design

Ananti Gangnam

Seoul, Korea

Design : SEL



Creative Design

Ananti Gangnam

Seoul, Korea

Design : SEL

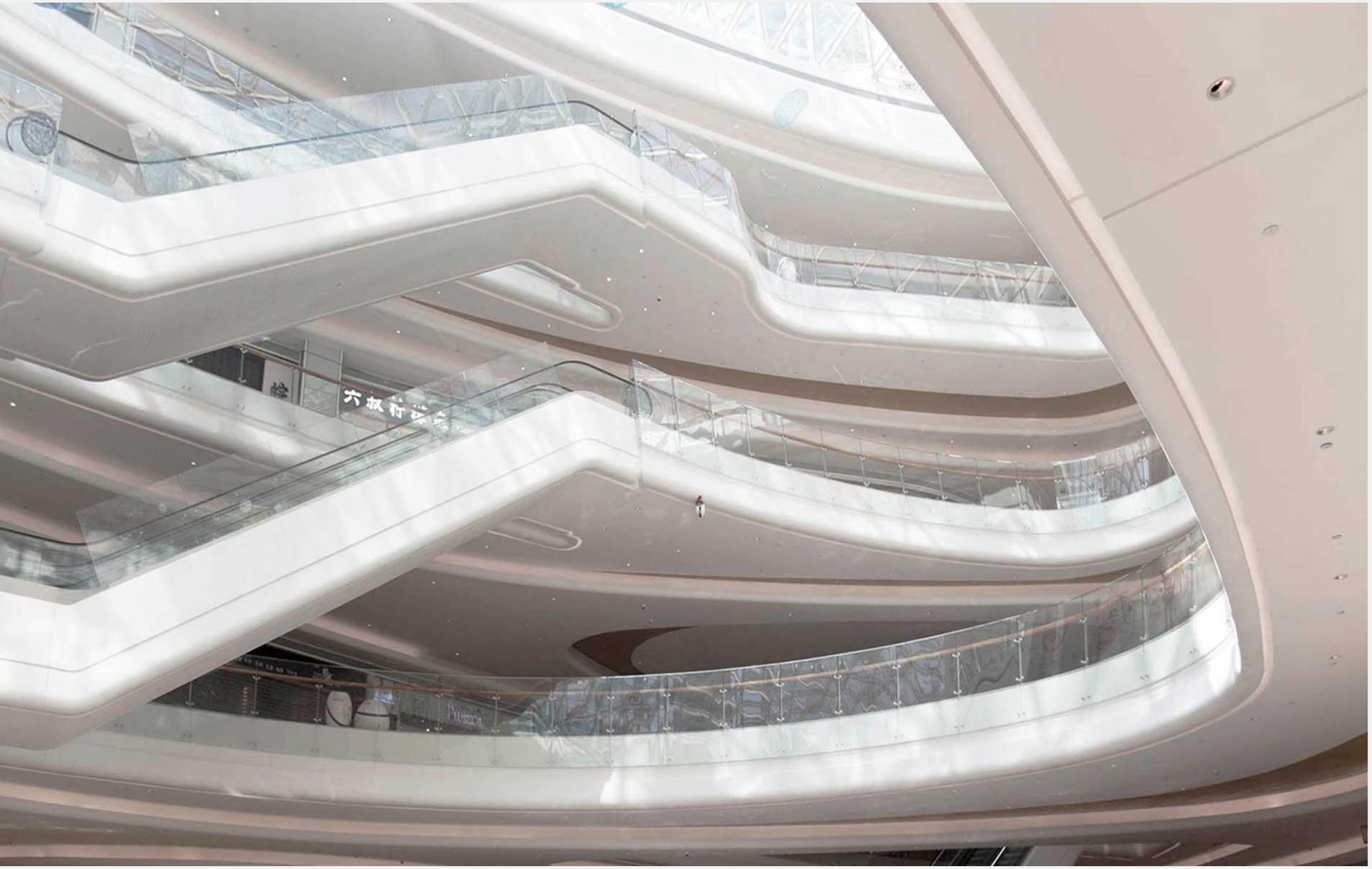


Creative Design

Yifang City

Shenzhen, China

Design : Callison



Creative Design

Yifang City

Shenzhen, China

Design : Callison



Creative Design

Yifang City

Shenzhen, China

Design : Callison

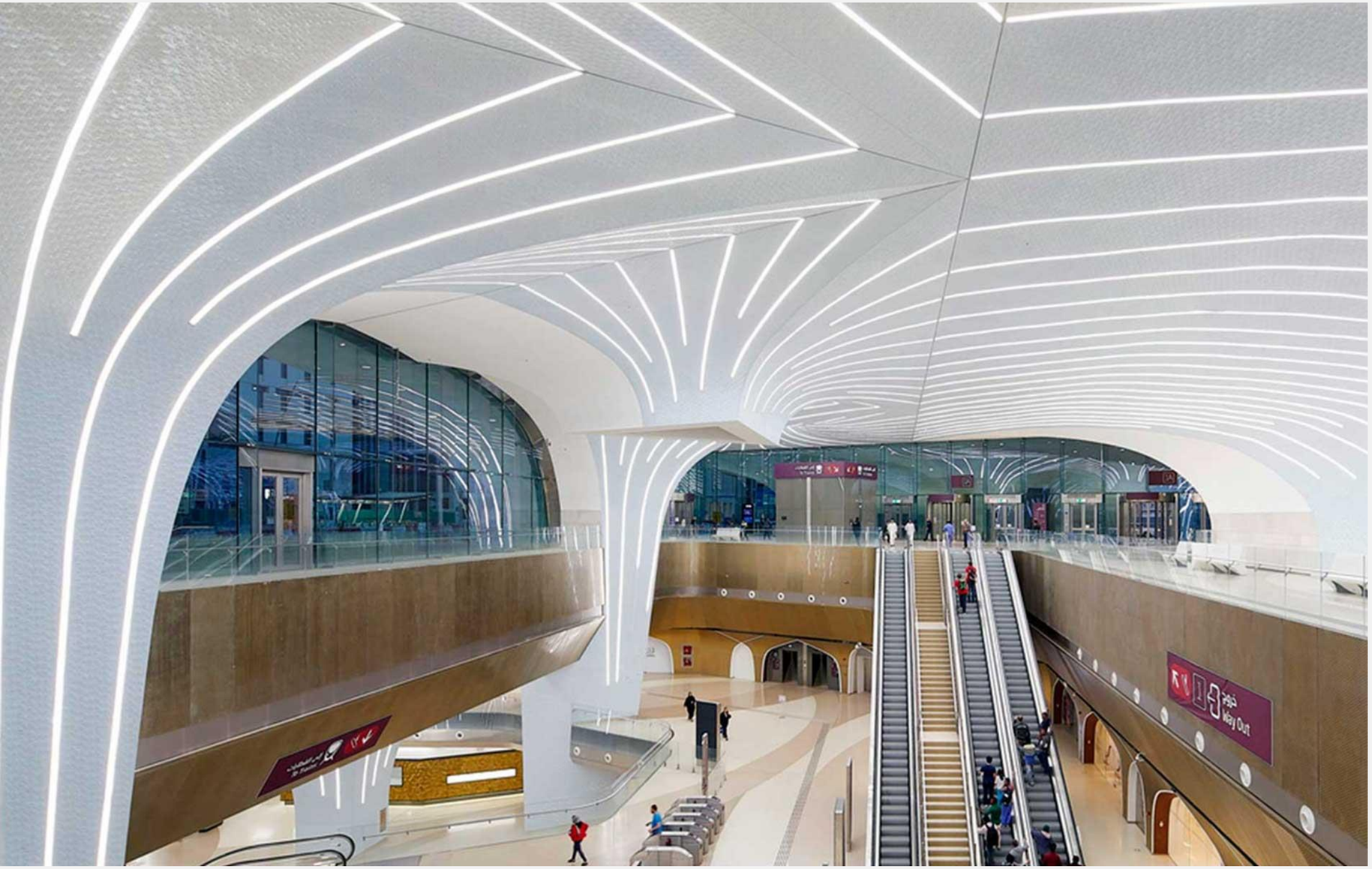


Creative Design

Qatar Railways Company

Doha, Qatar

Design : UNStudio



Creative Design

Qatar Railways Company

Doha, Qatar

Design : UNStudio



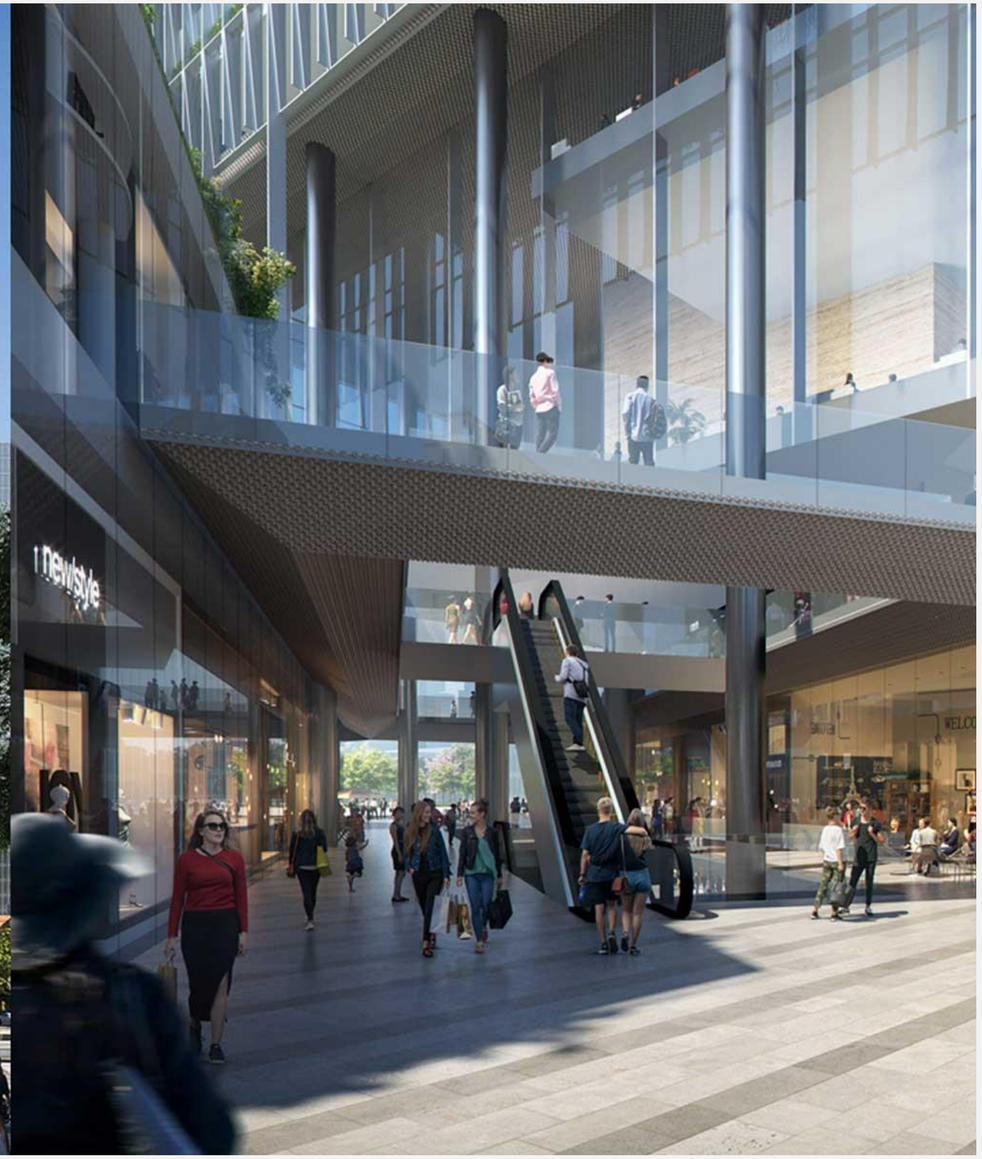
Creative Design

Qatar Railways Company

Doha, Qatar

Design : UNStudio



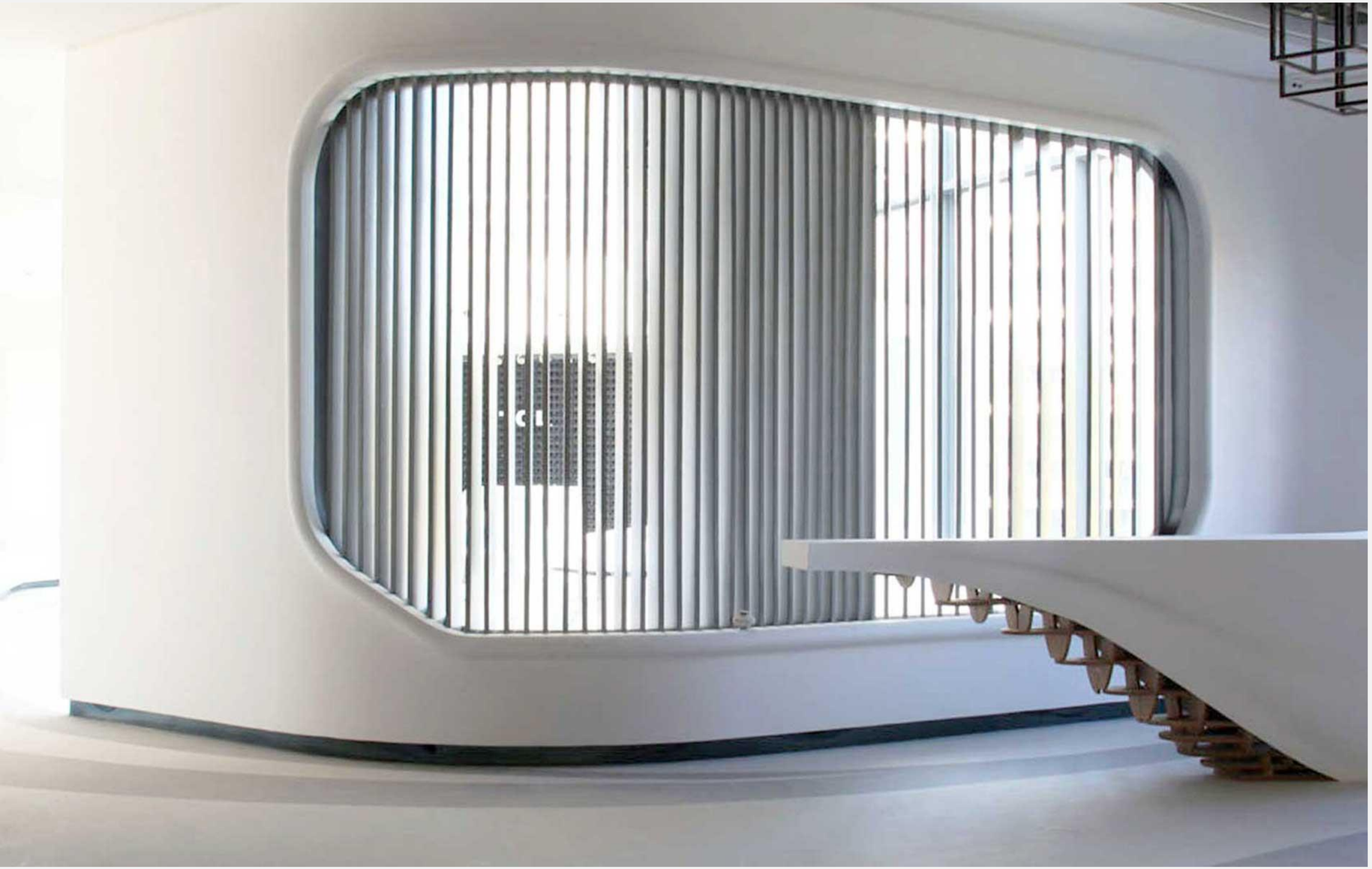


Creative Design

TCL Building

Shenzhen, China

Design : bKL Architecture



Creative Design

TCL Building

Shenzhen, China

Design : bKL Architecture



Creative Design

TCL Building

Shenzhen, China

Design : bKL Architecture



Creative Design

Editorial Shop

3D Rendering

Color : Macassar, Cacade Beige



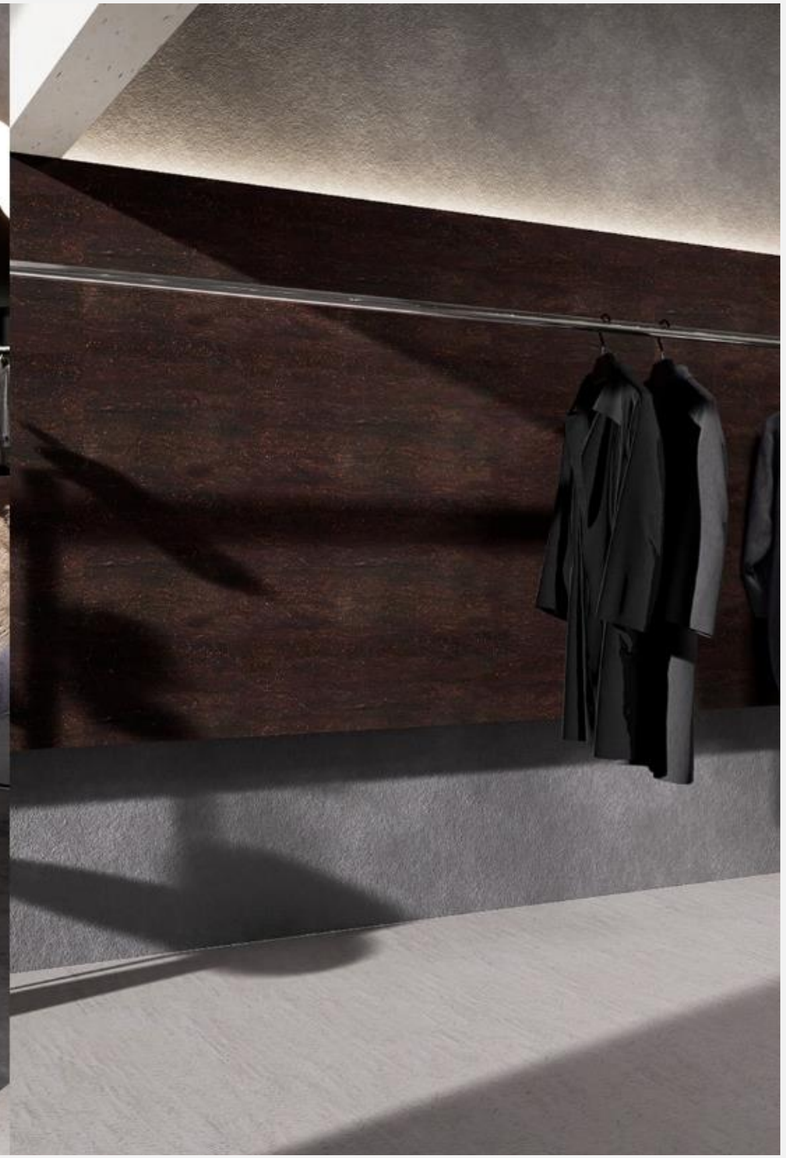
Creative Design

Editorial Shop

3D Rendering

Color : Macassar, Cacade Beige





Creative Design

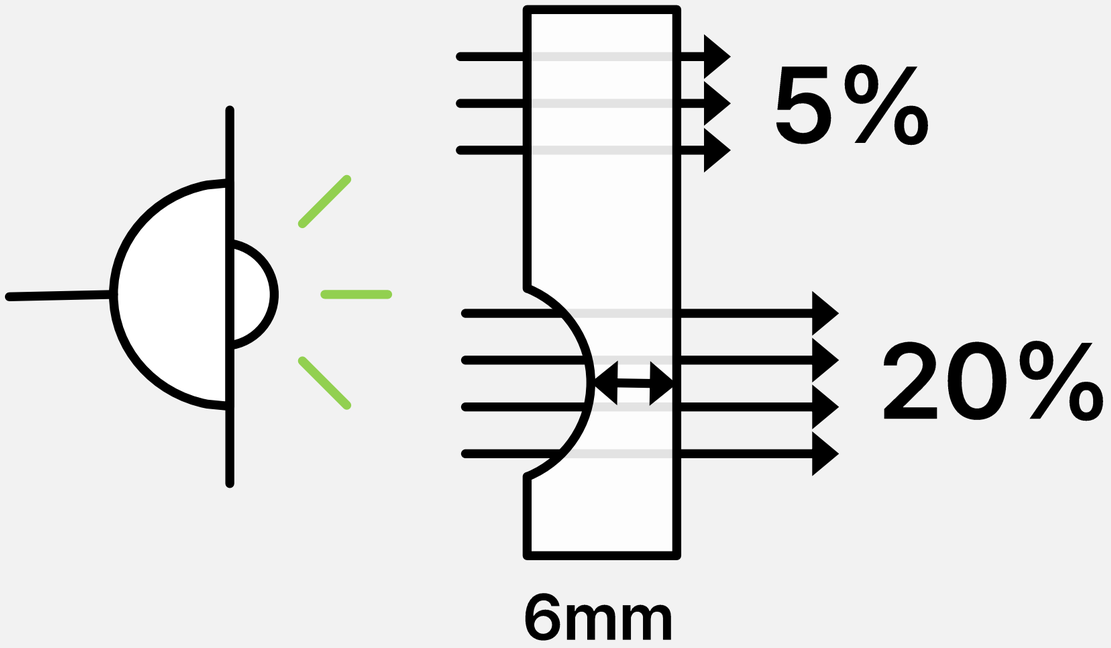
Editorial Shop

3D Rendering

Color : Macassar, Cacade Beige

Light Transmittance

The seamless finish not only **enhances the details** of the design, but also prevents contamination and mud that can occur at the joints, **making it easier to maintain.**



Light Transmittance

Light plays a key role in designing visual environments.
Hanex is a material that can be fused with light,
and if cleverly used in lighting design,
you can create a unique and unique space.



Lighting Design

Gallery Q

Seoul, Korea

Hyundai L&C



Lighting Design

Gallery Q

Seoul, Korea
Hyundai L&C



Lighting Design

Aekyung Tower

Seoul, Korea

Design : ANU Design Group



Lighting Design

Terminus Headquarter

Beijing, China

Design : Zhiseng



Lighting Design

Terminus Headquarter

Beijing, China

Design : Zhiseng

Antibacterial

Unlike natural marble, which has a high moisture absorption rate, it has a **non-porous surface** with no gaps and blocks invisible bacterial growth. It is a safe product that **does not contain any antibacterial agents**.

Healthcare Associated Infection



1 in 25 patients are **sick due to nosocomial infections**
[Healthcafe Surfaces Institute]

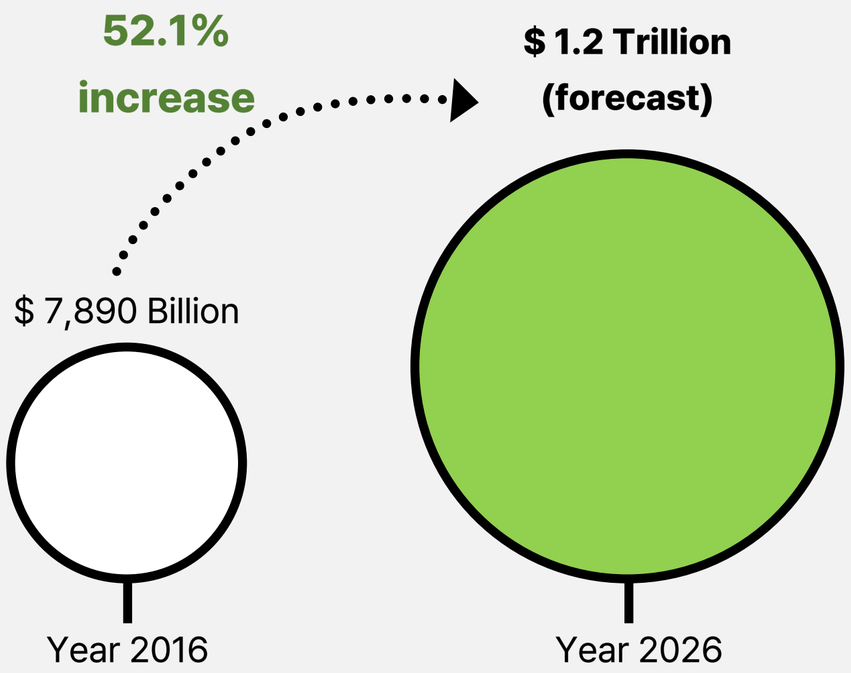
1 in 10 patients **die from HAI**
[World Health Organization]

Globally, 7-10% of hospitalized patients
have healthcare-associated infections [WHO]

Antibacterial

Hanex's excellent antibacterial function and resistance to contamination are optimized to maintain a hygienic environment, and it is a solution to infection issues in medical facilities because it is impossible to propagate bacteria because there are no joints.

Healthcare Market Expenditure



[Source : Bloomberg]

Antibacterial

As consumer’s awareness and standards for
cleanliness and hygiene increase,
Hanex, which blocks bacterial growth,
is attracting attention from the healthcare design industry.



Healthcare Design

Mayo Hospital

Rochester, USA

Hyundai L&C Global



Healthcare Design

Mayo Hospital

Rochester, USA

Hyundai L&C Global



Healthcare Design

Emergency Room

3D Rendering

Color : Bianco Classico



Healthcare Design

Hospital Room

3D Rendering

Color : Volare



Healthcare Design

Treatment Room

3D Rendering

Color : Cascade Ice



Healthcare Design

Milton Keynes Cancer Centre

Rochester, USA

Project : 41st Street Cafe



Healthcare Design

Milton Keynes Cancer Centre

Rochester, USA

Project : 41st Street Cafe



Healthcare Design

Nurse station

Hospital, UK

Hyundai L&C Global



Healthcare Design

Nurse station

Hospital, UK
Hyundai L&C Global

Turning Imagination into Reality,

Hanex



Color : R-White

Hanex

Inspired by Nature

Cascade collection | Stratum collection | Venato collection | Concrete collection



Cascade Collection

Inspired by the beauty of cascading waterfalls, the Cascade collection features subtle color changes and delicate patterns resembling the natural flow of water.

CASCADE Collection Feature | Pattern developed to be seamless.





Chapter 3. Inspired by Nature,

Hanex

Cascade *Pure Grey*

CC-011



Chapter 3. Inspired by Nature,

Hanex

Cascade *Dove Grey*

CC-010



Chapter 3. Inspired by Nature,

Hanex

Cascade *Carmel*

CC-012



Chapter 3. Inspired by Nature,

Hanex

Cascade *Ice*

CC-001



Chapter 3. Inspired by Nature,

Hanex

Cascade *Cream*

CC-002



Chapter 3. Inspired by Nature,

Hanex

Cascade *Haze*

CC-009



Chapter 3. Inspired by Nature,

Hanex

Cascade *Cloud*

CC-007



Chapter 3. Inspired by Nature,

Hanex

Cascade *Wave*

CC-008



Chapter 3. Inspired by Nature,

Hanex

Cascade *Black*

CC-006



Chapter 3. Inspired by Nature,

Hanex

Cascade *White*

CC-005



Chapter 3. Inspired by Nature,

Hanex

Cascade *Grey*

CC-003

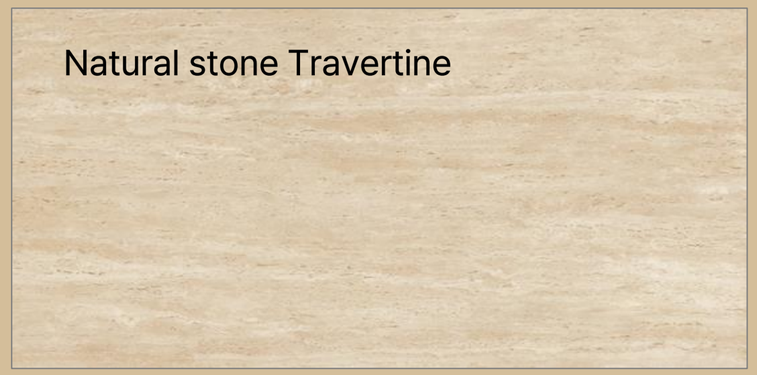


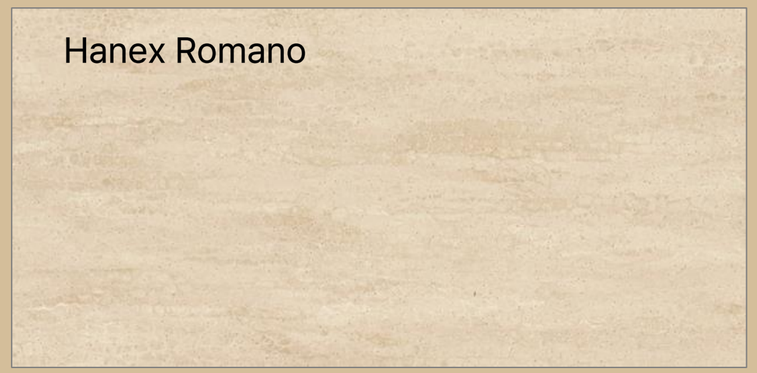
Stratum Collection

Inspired by natural formations,
the collection is made up of soft and
organic patterns, allowing you to feel
the artistic and sensual beauty of nature.

Stratum Collection Feature

Similar to natural stone, the Stratium Collection products are perfect for vertical wall construction.









Chapter 3. Inspired by Nature,

Hanex

Romano

ST-201



Chapter 3. Inspired by Nature,

Hanex

Clara

ST-101



Chapter 3. Inspired by Nature,

Hanex

Marelinho

ST-102



Chapter 3. Inspired by Nature,

Hanex

Nublado

ST-103

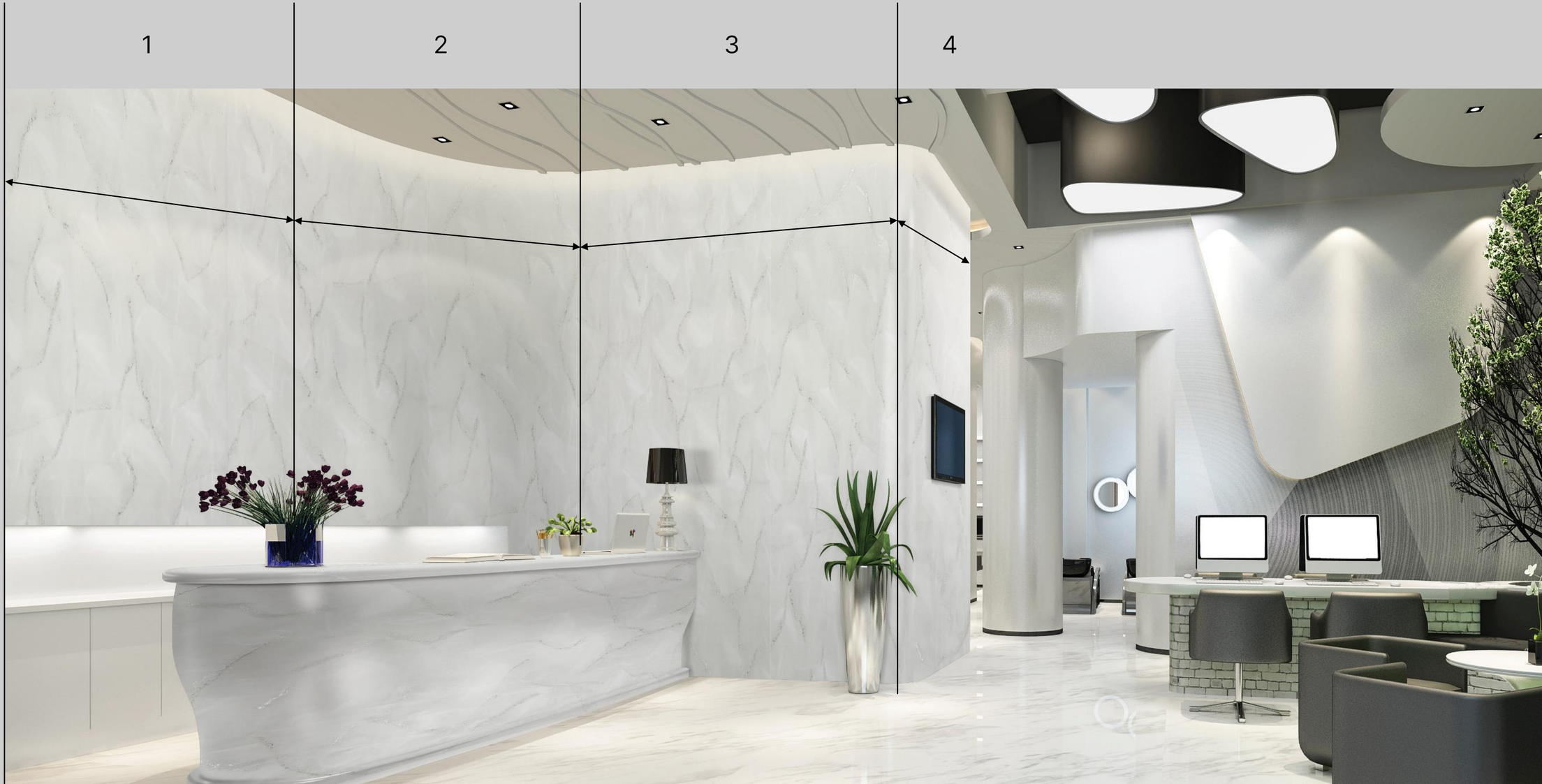


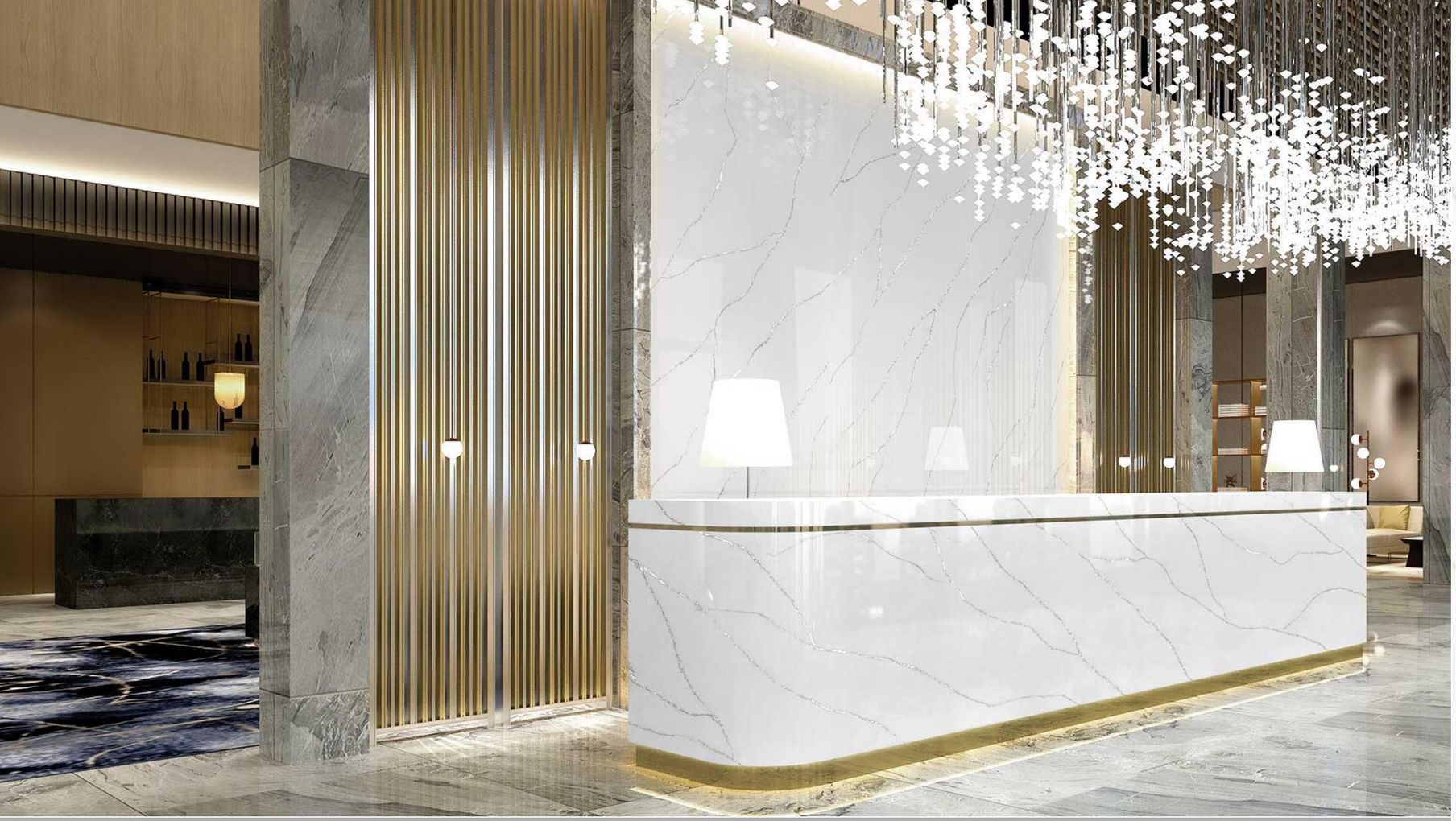
Venato Collection

It is a collection that reinterprets the texture and pattern of natural marble Calacatta into solid surface, resembling the grandeur and beauty of natural stone.

Venato Collection Feature

Patterns are seamlessly connected from any direction, creating a natural construction





Chapter 3. Inspired by Nature,

Hanex

Venato *Sparkle*

VM-001



Chapter 3. Inspired by Nature,

Hanex

Venato *Snow*

VM-002



Chapter 3. Inspired by Nature,

Hanex

Venato *Champagne*

VM-004



Chapter 3. Inspired by Nature,

Hanex

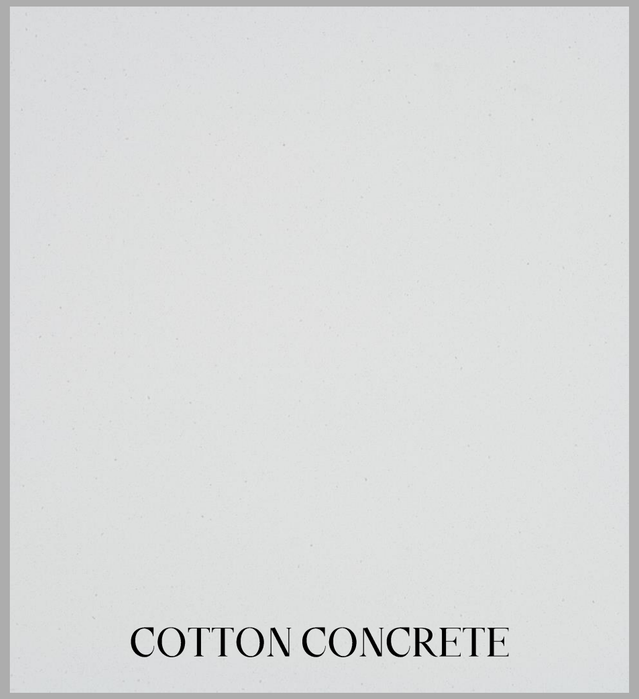
Venato *Stella*

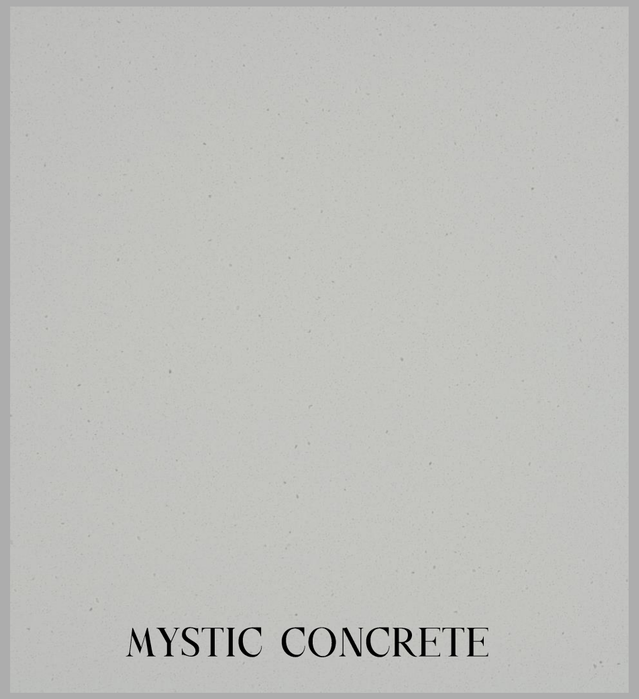
VM-005



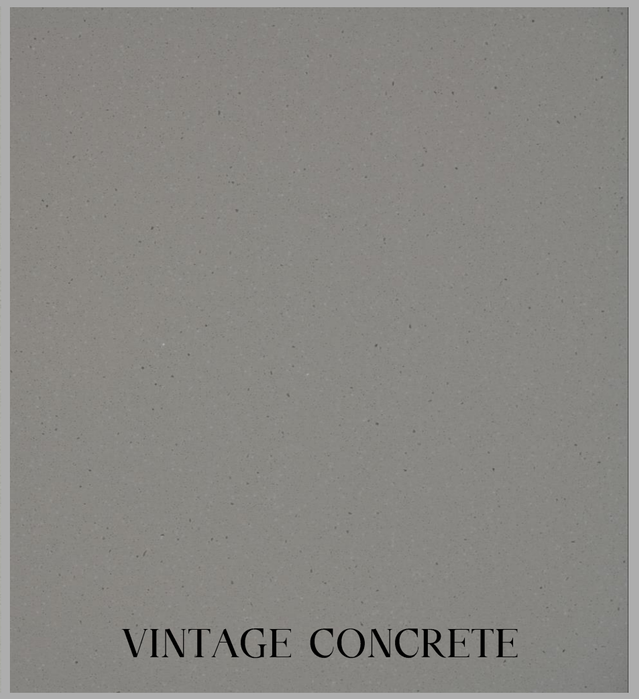
Concrete Collection

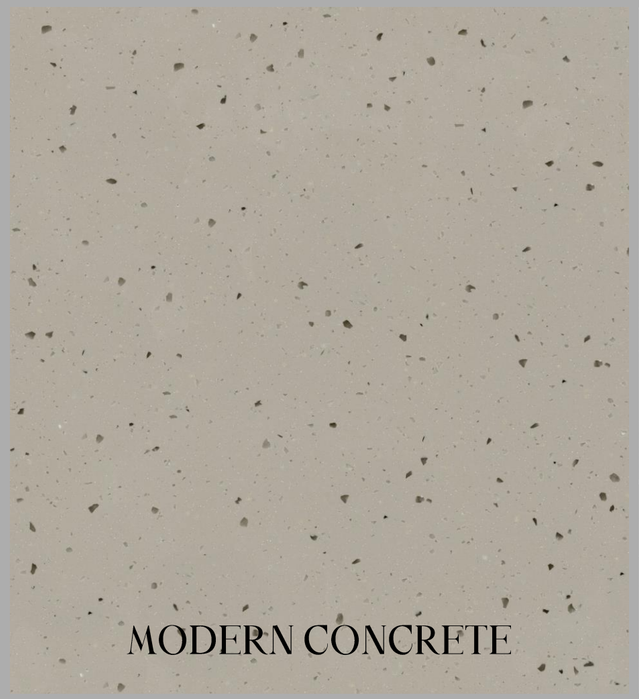
It pairs well with any building material, creating a modern and stable atmosphere with its calm gray tone.

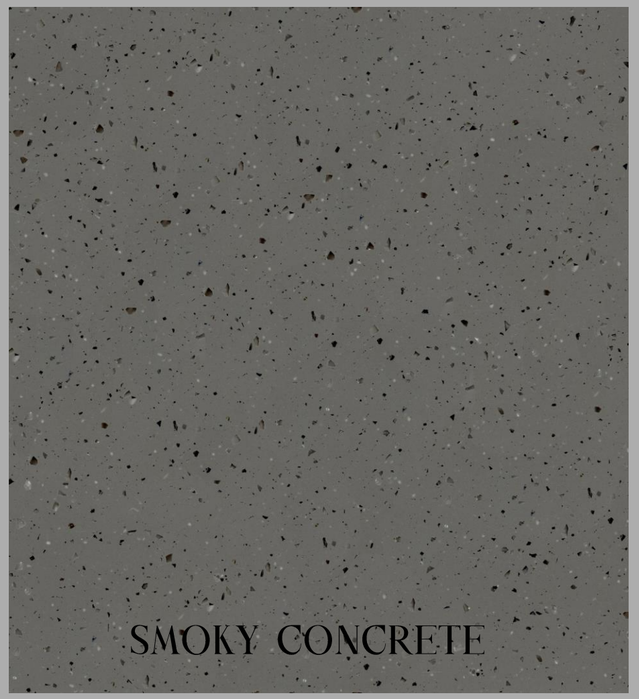

COTTON CONCRETE

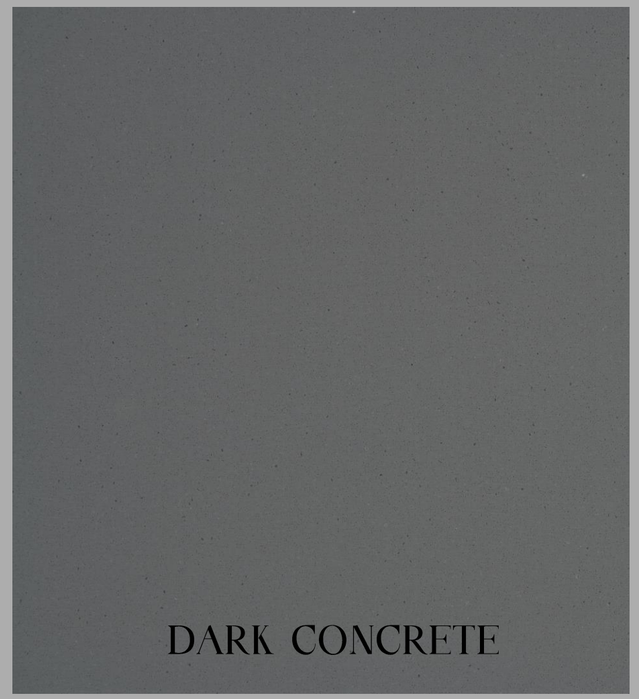

MYSTIC CONCRETE

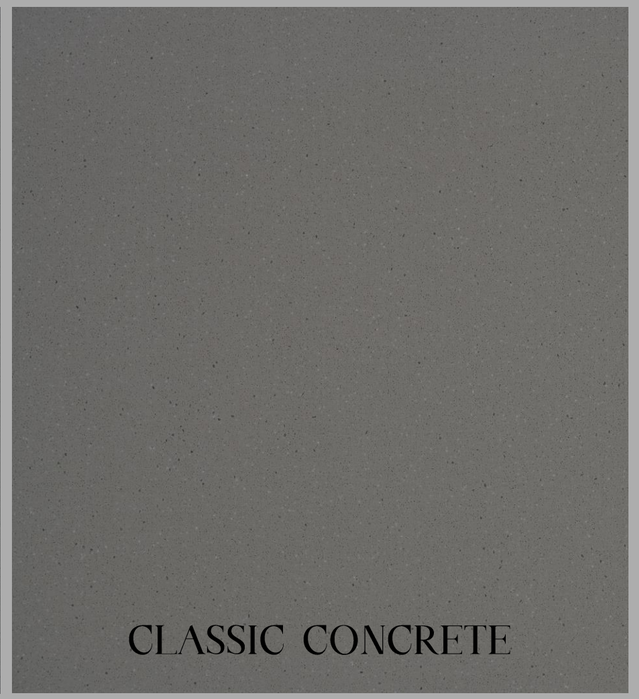

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Thank you

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