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Hanex

By Hyundai L&C

DESIGN BOOK

Inspired by the Splendor
of Nature

www.hanex.com



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Cascade



CC-001 CASCADE ICE



CC-002 CASCADE CREAM



CC-003 CASCADE GREY



CC-004 CASCADE BRIDE



CC-005 CASCADE WHITE



CC-006 CASCADE BLACK

Venato



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GL-001 PRECIOUS



B-012 CHILD WHITE



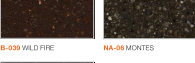
GL-006 CYGNUS



B-031 HELSINKI



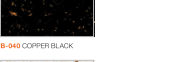
NA-01 BLANDO



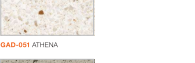
B-039 WILD FIRE



NA-06 MONTES



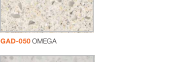
B-040 COPPER BLACK



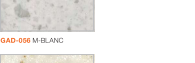
GAD-061 ATHENA



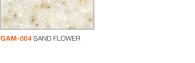
GAD-067 JUNO



GAD-060 OMEGA



GAD-066 M. BLANC

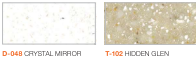


GAM-004 SAND FLOWER

Small Particulate



D-001 SILVER STONE



D-048 CRYSTAL MIRROR



T-102 HIDDEN GLEN



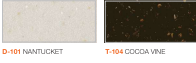
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RE-01 YURI GREY



D-003 GOLD BROWN



D-101 NANTUCKET



T-104 COCOA VINE



CT-001 FROSTY CONCRETE



RE-06 CACAO UNLEASH



D-007 MIST



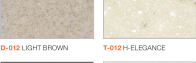
D-102 SEASHORE



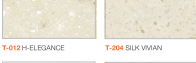
T-201 PETA CHEESE



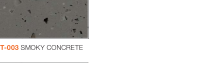
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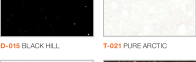
T-012 H. ELEGANCE



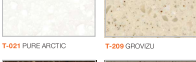
T-204 SUK VIVAN



CT-003 SMOKY CONCRETE



D-016 BLACK HILL



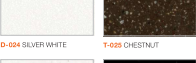
T-021 PURE ARCTIC



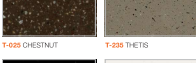
T-209 GROVJU



C-001 CUBIC WHITE



D-034 SILVER WHITE



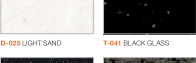
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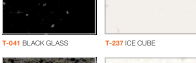
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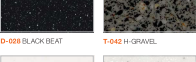
T-041 BLACK GLASS



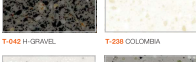
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P-002 METAL GREY



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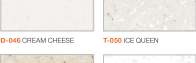
T-042 H. GRAVEL



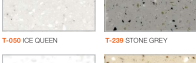
T-236 COLOMBIA



P-004 SOLARIS



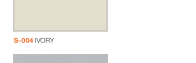
D-048 CREAM CHEESE



T-050 ICE QUEEN



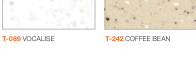
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T-069 VOCALISE



T-242 COFFEE BEAN



P-016 SLUTTORY

Solid



M-003 M. RED



S-008 N. WHITE



M-005 N. ORANGE



S-014 AQUEOUS



M-006 N. YELLOW



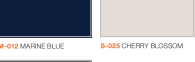
S-019 BROWN FEVER



M-007 M. BLACK



S-022 STEEL



M-012 MARINE BLUE



S-025 CHERRY BLOSSOM



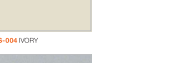
M-014 GREY ASH



S-001 R. WHITE



S-002 WHITE



S-004 IVORY



S-006 GREY

There may be some slight variation in colors between printed and the sample.

Hanex Solid Surfaces is committed to delivering products made to perfection. For more information, please refer to the at www.hanex.com

Benefits of Hanex[®]

Hanex Solid Surface is an acrylic solid surface material which is composed of Methyl Methacrylate (MMA) and Poly Methyl Methacrylate (PMMA) resin filled with Alumina-Trihydrate and other specialized formula to give it a timeless beauty and quality.

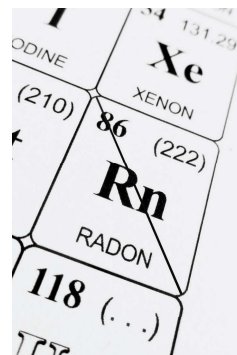


Seamless Design

Sheets can be bonded together with inconspicuous seams. Smooth integration allows large areas without joints.

Recyclable

Hanex is an eco-friendly material, as it is renewable and can be used again in its production process.



No radon detected

Hanex is a safe product with no first-class carcinogen radon detected.



Anti-Bacteria

Hanex is capable of withstanding the spread of other harmful germs and bacteria.



Translucent

Various thickness of Hanex exhibit a special translucency when exposed to light.



Thermoform

Sheets can be thermoformed to create curves of shapes of any designs.

Movement Collection

Hanex is an acrylic solid surface material that is resistant to stains and chemicals and can be molded in a variety of designs with unique combinations of acrylic resin and natural materials. It pursues flexible and scalable designs that can be applied to various spaces such as kitchens, hotels, healthcare, and transportation, and increases the completeness of the space.



Inspired by
the Splendor of Nature

Movement Collection
Cascade



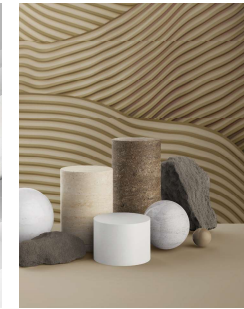
Cascade New

Inspired by the natural beauty of cascading waterfalls, Cascade collection features feathery veining with subtle color variation that perfectly resemble the effortless flow of water. Its low color contrast trait allows Hanex to be matched with any interior space.



Venato New

Venato is a series of Hanex into the design and manufacture of solid surfaces which are not merely imitation of the real marble. After having reinterpreted the texture and vein of calacatta, Hanex now offers a new way of considering the preciousness of a marble.



Stratum

Stratum series is inspired by nature in a worldly perspective and is full filled with a soft range of colors and unique, organic patterns. You discover the artistic, unconventional scene of the nature. Enjoy the new view of the earth. Create your own, unique and long-lasting atmosphere in the style of the depth and boundlessness of stone.



Bellissimo

Discover the greatness and glory of Bellissimo collection which is inspired by the beauty of the night sky and twilight. The vein expresses the colorful beauty of the sky, and the chip decorates the starlight of the night sky.

Inspired by
the Splendor of Nature

Cascade New

Inspired by the natural beauty of cascading waterfalls, Cascade collection features delicate veining and subtle variation that perfectly resemble the effortless flow of water. Its low color contrast trait allows Hanex to be matched with any interior space.

CASCADE

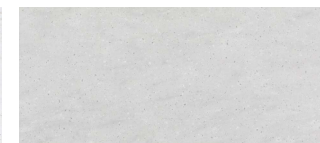
Movement Collection
Cascade



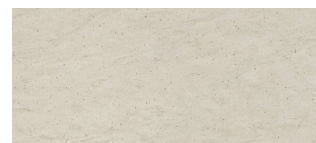
CG-001 | CASCADE ICE NEW



CG-002 | CASCADE CREAM NEW



CG-003 | CASCADE GREY NEW



CG-004 | CASCADE BEIGE NEW



CG-005 | CASCADE WHITE NEW



CG-006 | CASCADE BLACK NEW

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Full Sheet

CC-001 | CASCADE ICE 12mm X 760mm(W) X 3,660mm(L) / 59.4kg

Movement Collection
Cascade

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Movement Collection 01 - Cascade Ice

CC-001 | CASCADE ICE

Detail View



Full Sheet

CC-002 | CASCADE CREAM 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

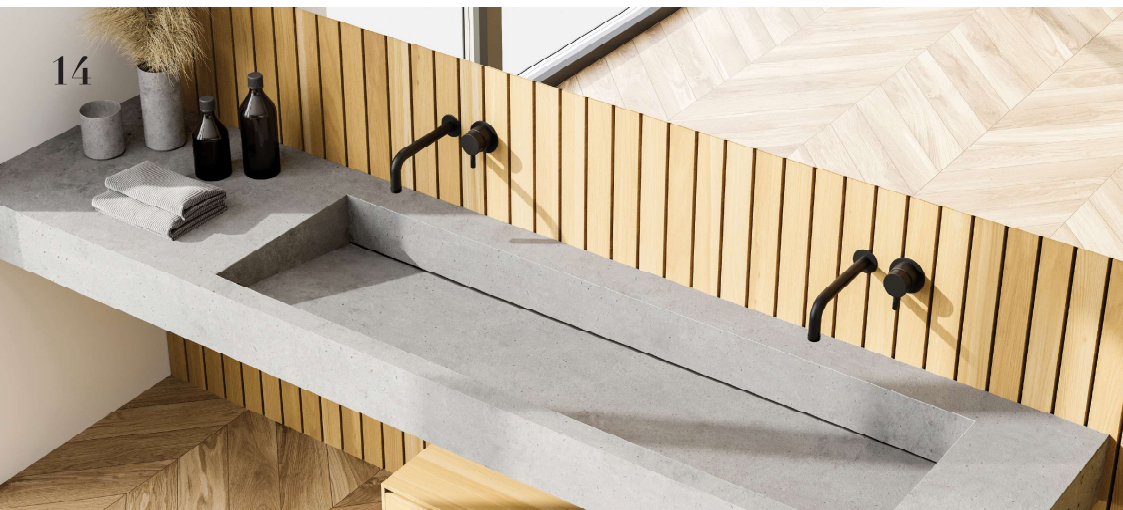
Movement Collection
Cascade

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Movement Collection 01 - Cascade Cream

CC-002 | CASCADE CREAM

Detail View



Movement Collection
Cascade

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Movement Collection 01 - Cascade Grey

Full Sheet CC-003 | CASCADE GREY 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

CC-003 | CASCADE GREY Detail View

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Movement Collection
Cascade

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Movement Collection 01 - Cascade Beige



Full Sheet

CC-004 | CASCADE BEIGE 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

CC-004 | CASCADE BEIGE

Detail View

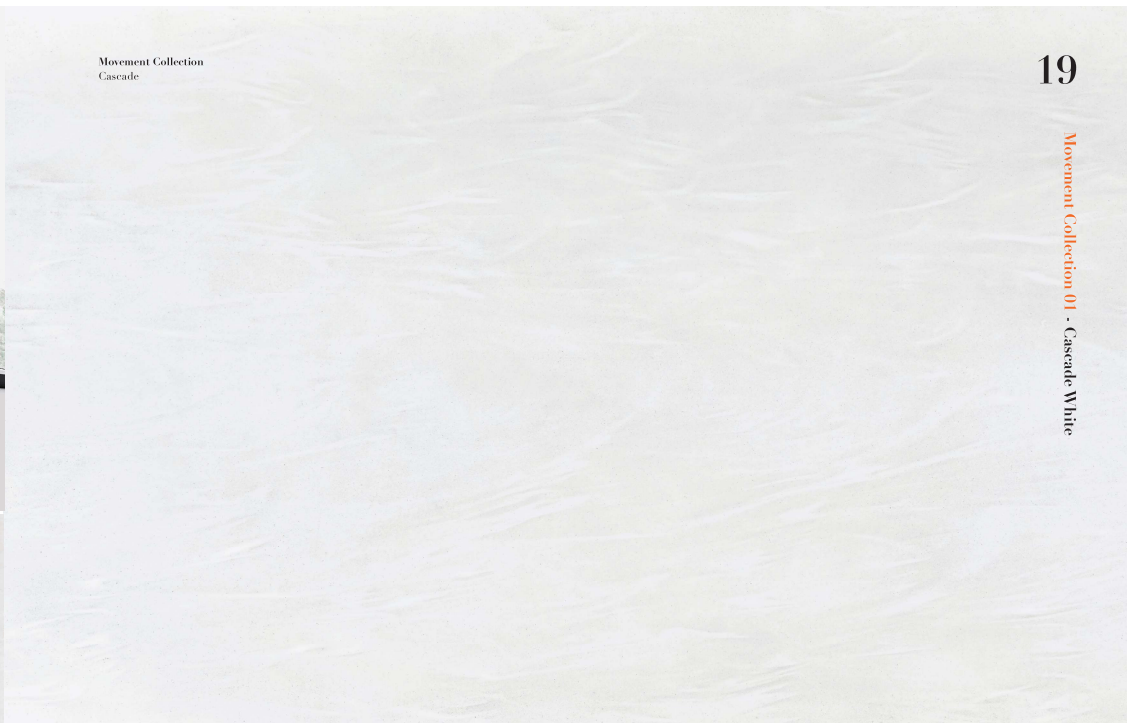
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Movement Collection
Cascade

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Movement Collection 01 - Cascade White



Full Sheet

CC-005 | CASCADE WHITE 12mm X 760mm(W) X 3,660mm(L) / 59.4kg

CC-005 | CASCADE WHITE

Detail View

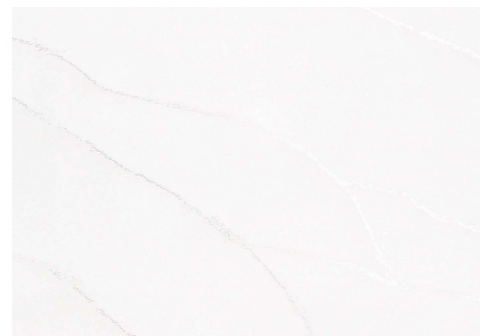


Inspired by
the Splendor of Nature

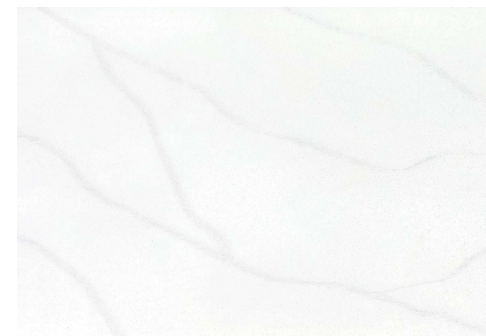
Venato New

Venato is a series of Hanex into the design and manufacture of solid surfaces which are not merely imitations of the real marble. After having reinterpreted the texture and vein of calacatta, Hanex now offers a new way of considering the preciousness of a noble Italian marble.

Movement Collection
Venato



VM-001 | VENATO SPARKLE **NEW**



VM-002 | VENATO SNOW **NEW**

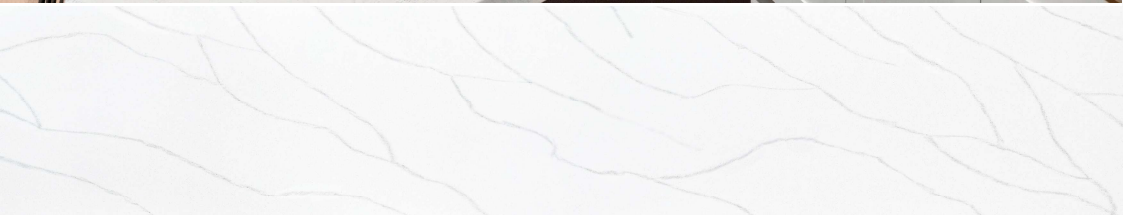


Full Sheet **VM-001 | VENATO SPARKLE** 12mm X 760mm(W) X 3,660mm(L) / 59.4kg



VM-001 | VENATO SPARKLE Detail View

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Full Sheet **VM-002 | VENATO SNOW** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

Movement Collection
Venato

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Movement Collection 02 - Venato Snow



VM-002 | VENATO SNOW [Detail View](#)

Inspired by
the Splendor of Nature

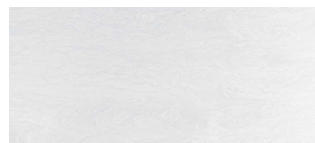
Stratum

This set of premium solid surfaces is inspired by the wispy movement and strata patterns within rocks and stones. The collection's timeless colors and styles offer incredible vibrancy, beauty and versatility-each can be effortlessly shaped into almost any form or structure by molding, machining or other appropriate processing.

This means they're undeniably ideal for countertops, shower walls and commercial interiors. Beyond that, Stratum can be used for interior accessories like clocks, frames, or chairs, and many others.

STRATUM

Movement Collection
Stratum



ST-101 | CLARA



ST-201 | ROMANO



ST-204 | MARRON



ST-302 | BIANCO CLASSICO



ST-303 | VOLARE



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Movement Collection
Stratum

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Movement Collection 03 - Romano

Full Sheet **ST-201 | ROMANO** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

ST-201 | ROMANO Detail View

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Aliment Collection
Stratum

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Aliment Collection
Stratum



Full Sheet **ST-204 | MARRON** 12mm X 760mm(W) X 3.680mm(L) / 59.4kg

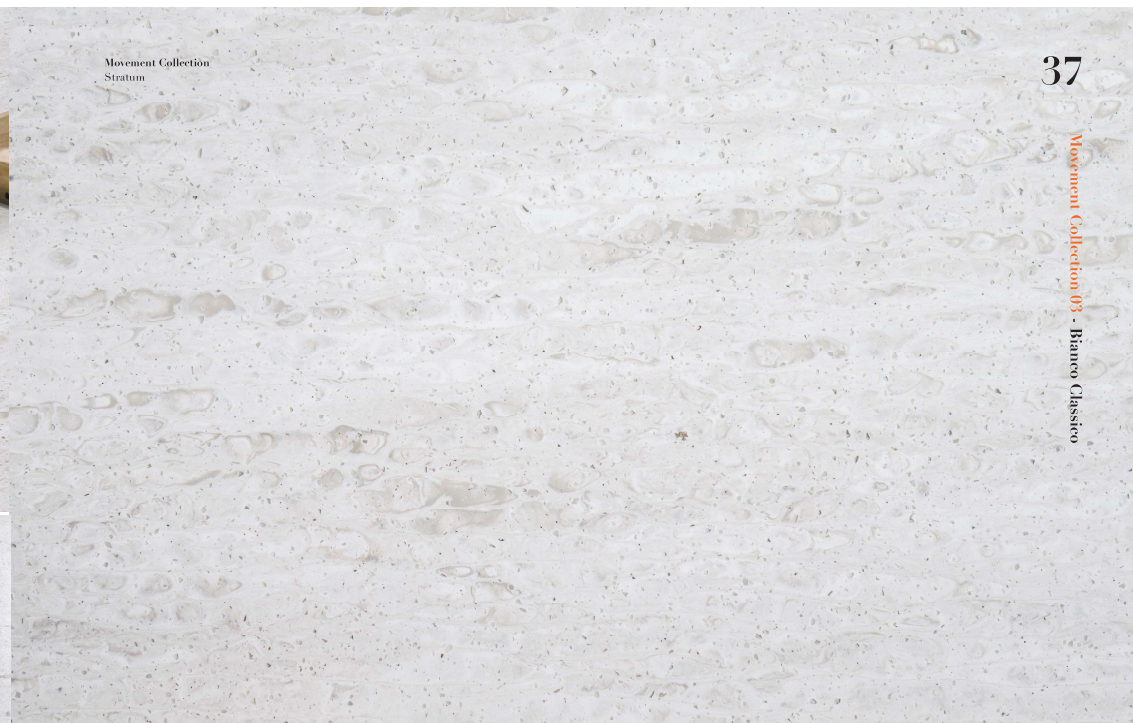
ST-204 | MARRON Detail View

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Full Sheet **ST-302 | BIANCO CLASSICO** 12mm X 760mm(W) X 3,660mm(L) / 59.4kg

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Movement Collection
Stratum

Movement Collection 03 - Bianco Classico

ST-302 | BIANCO CLASSICO [Detail View](#)

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Full Sheet **ST-303 | VOLARE** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

Movement Collection
Stratum

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Movement Collection 03 - Volare



ST-303 | VOLARE Detail View



Inspired by
the Splendor of Nature

Bellassimo

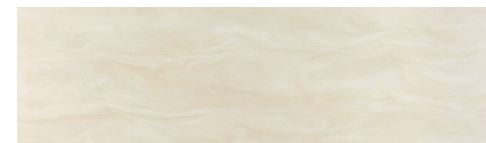
The colors within our Bellassimo Collection fuse versatility with beauty. Each of the colors are engineered to help you create an environment that impacts everyday lives.

The designs themselves are inspired by the flow of nature : ocean waves, winds rustling trees, shifting sands and craggy stone, making them a perfect fit for a range of stylistic choices, from modernism to something timeless.

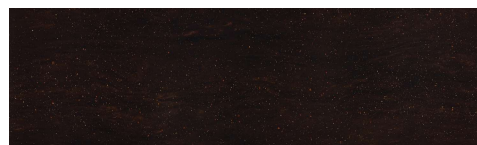
Movement Collection
Bellassimo



BL-206 | SLATE GREY



BL-201 | KASHMERE



BL-209 | MACASSAR



BL-256 | MOUNTAIN FROST

[Full Sheet](#)**BL-206 | SLATE GREY** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

Movement Collection
Bellissimo

Movement Collection 43 - Slate Grey

BL-206 | SLATE GREY[Detail View](#)

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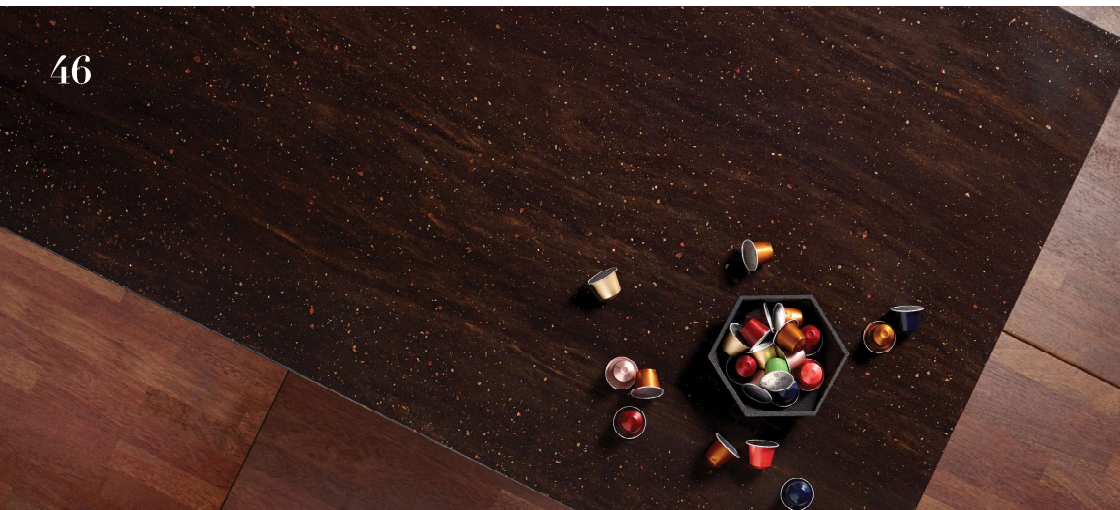
Movement Collection
Bellissimo

45

Movement Collection 04 - Kashmir

Full Sheet **BL-201 | KASHMERE** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg

BL-201 | KASHMERE [Detail View](#)





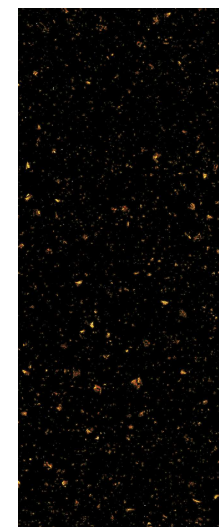
Full Sheet **BL-256 | MOUNTAIN FROST** 12mm X 760mm(W) X 3,680mm(L) / 59.4kg



BL-256 | MOUNTAIN FROST Detail View

Large Particulate

Hanex's premium solid surface,
Large Particulate provides an
elegant pattern and transparency
to express reflected light.

**B-001** IVORY ESSENCE**B-012** OSLO WHITE**B-031** HELSINKI**B-039** WILD FIRE**B-040** COPPER BLACK**GAD-051** ATHENA



GAD-007 JUNO



GAD-050 OMEGA



GAD-056 M-BLANC



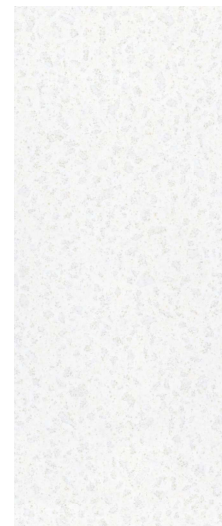
GAM-004 SAND FLOWER



GL-001 PEGASUS



GL-006 CYGNUS



NA-01 BLANDO



NA-06 MONTES

Reference

Reference is where Hanex's various collections are applied, architectural and interior designers around the world. We use Hanex to create diverse cultures.



1



2



3

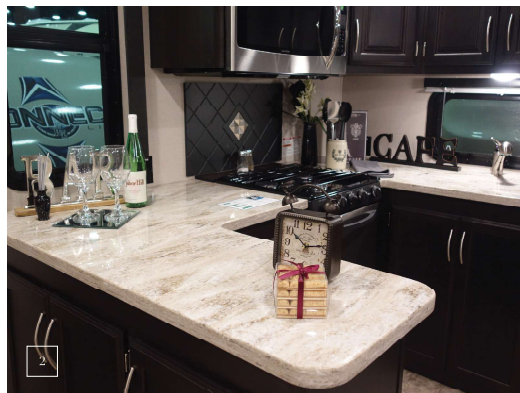


4

- 1 Corporate / TCL Corp(Shenzhen, China)
S-000 N-White
- 2 Corporate / Terminus(Shenzhen, China)
S-000 N-White
- 3 Corporate / Aekyung Corp(Seoul, Korea)
ST-100 Nubledo
- 4 Corporate / Theta Offices(Bucharest, Romania)
S-000 N-White



1



2



3



4



5

- Residential / Hyundai L&C Show room (Seoul, Korea)
BL-208 Slate Grey 1
- Residential / Private Residence (California, US)
BL-256 Mountain Frost 2
- Residential / Livat Show room (Yongin, Korea)
T-228 Minerva RE-05 Yuli Grey 3
- Residential / Aekyung Corp (Seoul, Korea)
GAD-101 Athena 4
- Residential / Theta Office (Bucharest, Romania)
T-240 Dark Night 5

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1



2



3

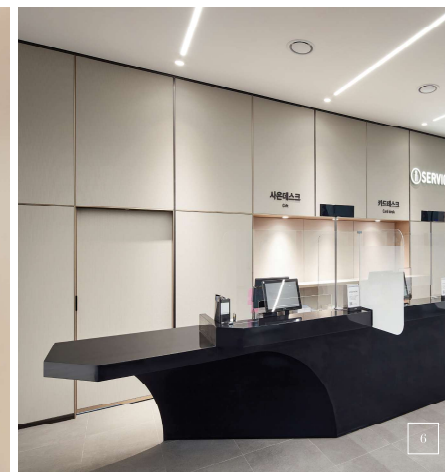
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Reference

- Restaurant / The Courthouse Bar(Douglas, Isle of Man) S-009 N-White 1
- Residential / Cafe Anico(Secul, Korea) BL-201 Kashmir 2
- Show room / Team 7(Taipei, Thailand) S-009 N-White 3
- Retail / Coex Mall(Secul, Korea) S-009 N-White 4



- Moka Play / Space 1(Namyangju, Korea)
M-012 Marine blue 1
- Moka Library / Space 1(Namyangju, Korea)
M-020 Sunlight 2
- Moka Garden / Space 1(Namyangju, Korea)
S-008 N-white 3
- Information Desk / Space 1(Namyangju, Korea)
IN-007 M-black 4

Material Safety Data Sheet

Hanex has various colors and patterns,
and is made of the same materials
both inside and outside.
It can compensate the disadvantages of
laminate and coating. It can also be
processed in limitless forms in
which is not possible with laminate
and natural stone.



Fire-Fighting Measures & Explosion

- **Flammable Properties**
"HANEX" can be combusted only with difficulty.
Hazardous gases/vapor produced in fire are carbon monoxide,
methyl methacrylate, aldehydes.
- **Extinguishing Media**
Water, Dry chemical, CO2
- **Fire Fighting Instructions**
Keep personnel removed and upwind of fire. Wear self-contained breathing
apparatus.



Accidental Release Measures

- **Safeguard (Personnel)**
NOTE : Review FIRE FIGHTING MEASURES and
HANDLING (PERSONNEL) sections before
proceeding with clean-up.
Use appropriate PERSONAL PROTECTIVE
during clean up.
- **Spill Clean Up**
Recover undamaged and minimally contaminated
material for reuse and reclamation.



Handling And Storage

- **Handling**
Avoid breathing fumes generated during
sawing, routing or drilling.
Avoid dust generation.
- **Storage**
Store in a cool place.



Exposure Controls & Personal Protection

- **Engineering Controls (Ventilation)**
Use ventilation that is adequate to keep employee
exposure to air borne concentration below exposure limits.
- **Personal Protection**
Protective equipment: EYE/FACE PROTECTION
Wear safety glasses during operations such as sawing,
sanding, drilling or routing.



Disposal Consideration

Dispose in accordance with federal,
state and local regulation.
The owner of the material is responsible for
proper waste disposal.



Other Information

The data in this Material Safety Data Sheet relates only
to the specific material
designated herein and does not relate to use in combination
with any other material or in any process.
Responsibility for MSDS : "HANEX" products

Certification

Hanex is highly regarded in the environment-friendly materials market with various environmental related certifications such as NSF, Greenguard, and SCS.



Composition
And Information
On Ingredients

Component	CAS	%
Polymethylmethacrylate	8011-14-7	>30
Alumina Trihydrate	21645-51-2	<70
Methylmethacrylate (Degradation Product)	80-62-6	<1

Heated above 300 dC, g "HANEX" can release.

Technical
Specification

* Request for available color for exterior cladding

Specification	Result	Test Method
Specific Gravity	1.7	ASTM D792-08
Rockwell Hardness	90	ASTM D785-08
Tensile Strength	43.8 Mpa	ASTM D638-10
Tensile Modulus of Elasticity	12.6 Gpa	ASTM D638-10
Flexural Strength	58.8 Mpa	ASTM D790-10
Flexural Modulus of Elasticity	10.6 GPa	ASTM D790-10
Izod Impact Strength	16 J/m	ASTM D256-10
Water Absorption	0.036 % (24h Immersion)	ASTM D570-98
Density	1.7 g/cm2	ASTM D792-08
Heat Resistance Test	No Defects	JIS K 6902 : 2008
Hot Water Resistance Test	No Defects	JIS K 6902 : 2008
Deflection Temperature Under (1.82MPa)	115 oC	ASTM D648-07
Thermal Expansion	3.93 x 10-5 1/oC	JIS K 6911 : 2006
Compressive Strength	118 Mpa	ISO 604 : 2002
Light Resistance	No Effect	NEMA LD3 3.03
Boiling Water	No Effect	NEMA LD3 3.05
Ball Impact Resistance	No Fracture on 3 Impacts	NEMA LD3 3.08
Resistance to Impact by Large Diameter Ball	Max Impact Height : 2m	ISO 4586-2
Point Impact Resistance	No Cracks or Chips	ANSI Z124.3 4.3
Stain Resistance Test	Pass	ANSI Z124.3 5.2
Wear and Cleanability Test	Pass	ANSI Z124.3 5.3
Cigarette Test	Pass	ANSI Z124.3 5.4
European Railway Standard for Fire Safety	R1, HL3	EN 45545
Resistance to Bacteria	No Growth	ASTM G22
Resistance to Fungi	No Growth	ASTM G21
European classification standard	B-s1, d0	EN 13501-1
Façade Panel	ETA (European Technical Assessment)	DIET
Weatherability (1,000 Hr) - Special Color Only	No Visual Change	ASTM G155

Global Network

Hanex is ready to meet you
anytime from all over
the world.

- Central Office
- Plant
- Showroom
- Sales Market



Global Network

Central Office

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