

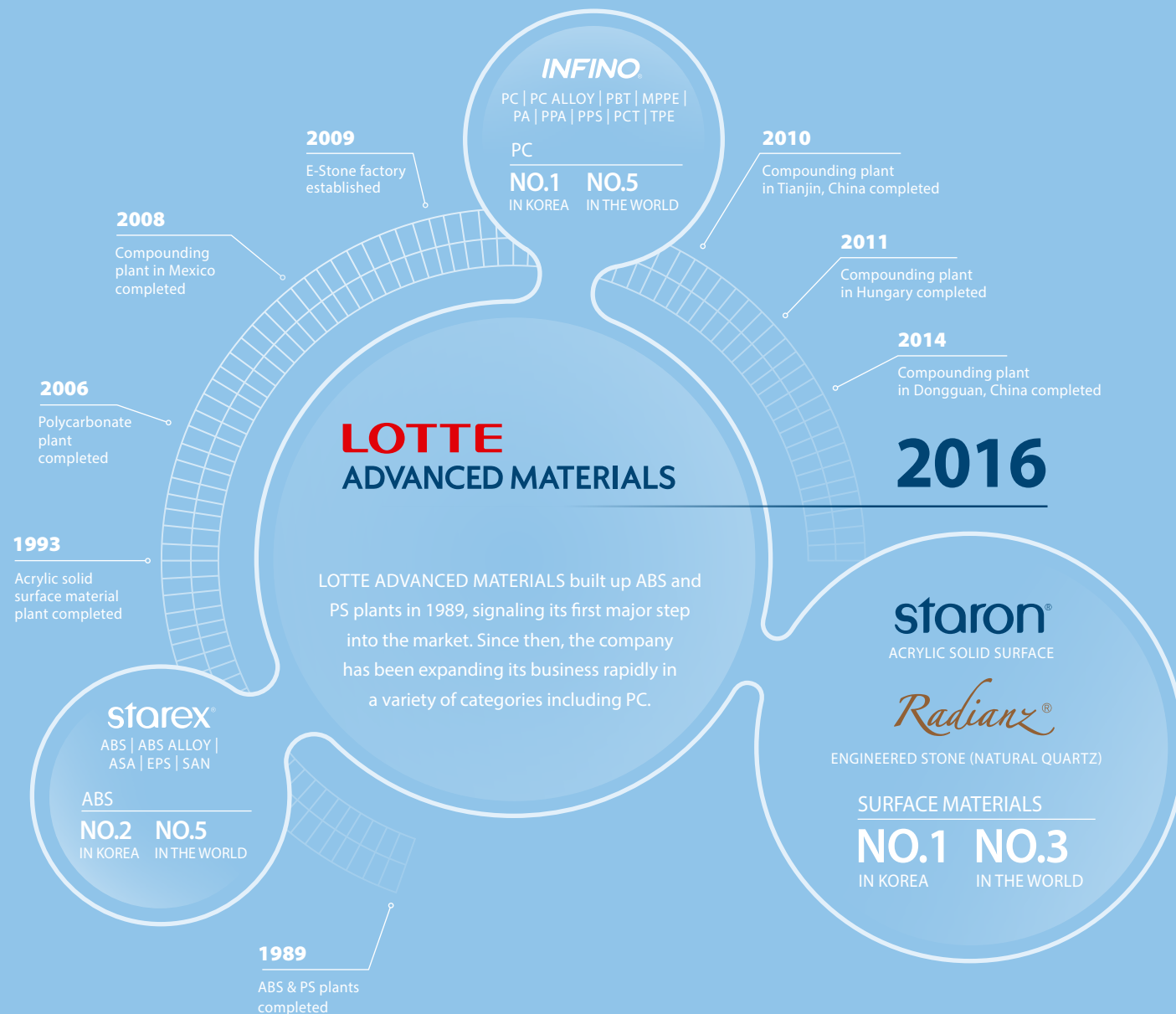


staron[®]

Solid Surfaces

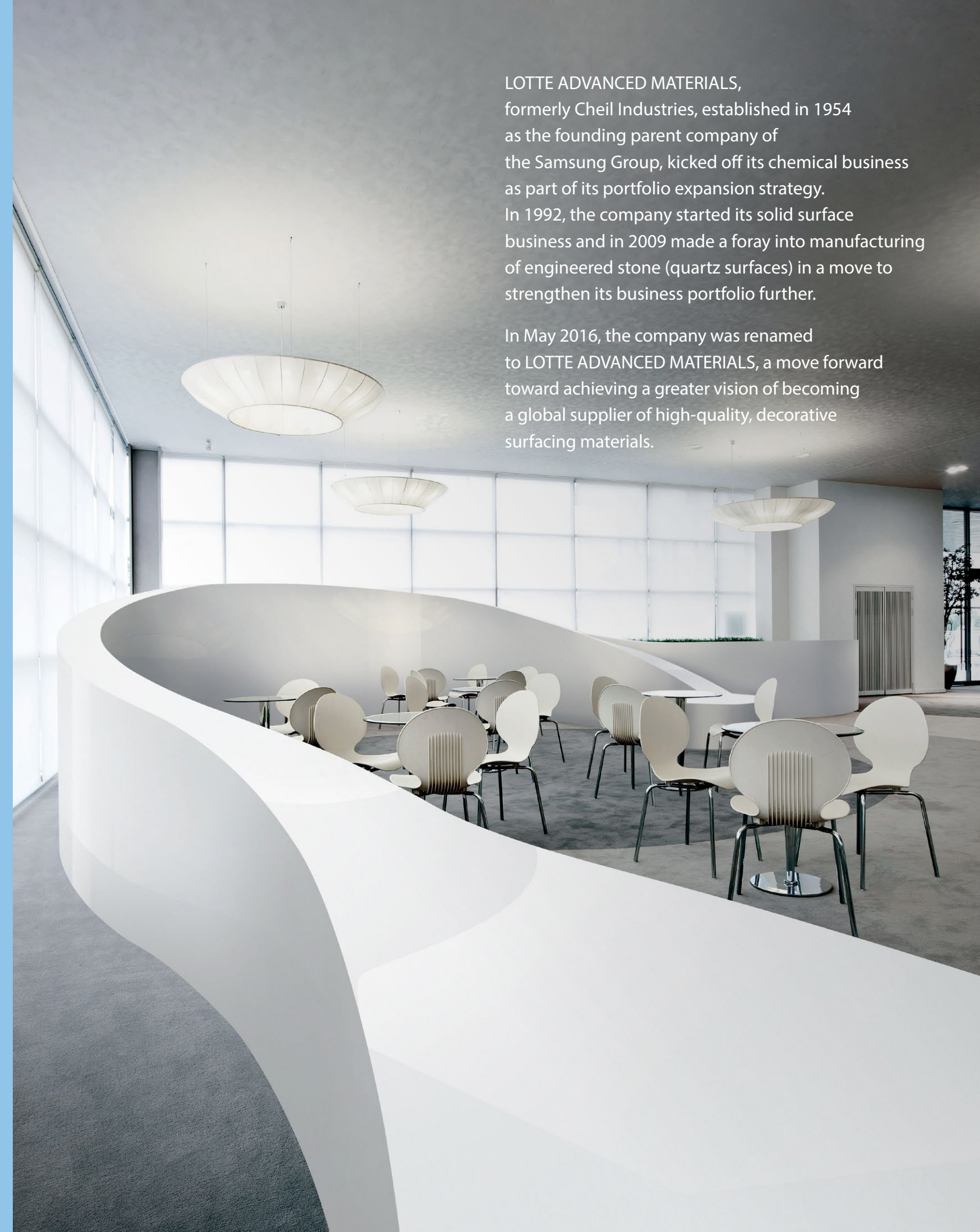
LOTTE ADVANCED MATERIALS

LOTTE ADVANCED MATERIALS, a creator of high-quality materials and refined sensibilities.



LOTTE ADVANCED MATERIALS, formerly Cheil Industries, established in 1954 as the founding parent company of the Samsung Group, kicked off its chemical business as part of its portfolio expansion strategy. In 1992, the company started its solid surface business and in 2009 made a foray into manufacturing of engineered stone (quartz surfaces) in a move to strengthen its business portfolio further.

In May 2016, the company was renamed to LOTTE ADVANCED MATERIALS, a move forward toward achieving a greater vision of becoming a global supplier of high-quality, decorative surfacing materials.



STRETCH YOUR IMAGINATION TO EXPERIENCE THE POSSIBILITIES WITH STARON.

WHY STARON ?

Staron, a high-performance acrylic solid surface material, is known for excellent workability and easy maintenance. Staron's internal composition is uniform and non-porous; its textures are elegant and stylish. Offering a wide variety of patterns and colours, Staron is a durable surface for creative interior design of commercial and residential spaces. Staron brands include the Tempest series of semi translucent surfaces, and the Supreme collection, known for its natural patterns.



DEPENDABLE PERFORMANCE

- Innovation meets superior standard
- Offering higher performance to suit commercial environments
- Homogenous material which allows the surface to be easily restored



KEEPING THE SURFACE HYGIENIC

- Designed with end-users in mind, your environment can be protected from the growth of bacteria or fungi
- Resistant to harsh chemicals
- Easy to maintain



DIMENSIONAL FLEXIBILITY

- Bringing another layer of depth & sophistication
- Free forming of 3 dimensional representation is possible
- Excellent workability & precise expression of various design



INFINITE RANGE OF COLOURS

- From natural to vivid palette tones, Staron® offers over 150 colours
- Including Tempest®, the world's first "jewel-like" solid-surface material
- Ongoing collaboration with colour trend experts guides us in the development of relevant and emerging colour choices and designs.



SEAMLESS

- Create a variety of smooth forms that are works of art
- These subtle features increase the value of the completed design



ILLUMINATING THE ENVIRONMENT

- Excellent for backlighting to create various images and text related effects
- Brightness and transparency can be adjusted by modifying and varying the thickness of the material to allow transmission from a low-energy light source.



GLOBAL NETWORK

- Operating regional branch offices around the world in addition to global distribution networks



EXCELLENT QUALITY

- High quality control policy and a commercial 10-year warranty
- Certified eco-friendly, Staron® contributes to a comfortable and safe environment

NEW COLOURS

• To view new colours in detail, please visit www.staron.com



Urban Grey
VU127

Oasis
SO064

Aspen Pond
AP065

Sonoma
FS143

Morning Sky
VM114

Sanded Taupe
ST486

Aspen Concrete
AC629

Sanded Chestnut
SC457

Sanded Meadow
SM465

Aspen Alder
AA625

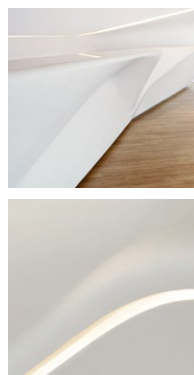
Beige Granite
VB172

Cotton White
VC110

COMMERCIAL & PUBLIC SPACES

01

Workspace,
Dongdaemun
Design Plaza,
Korea, Designed by
Zaha Hadid



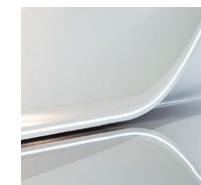
02

Display Furniture,
Heidi.com Shop,
Switzerland,
Designed by
Zaha Hadid



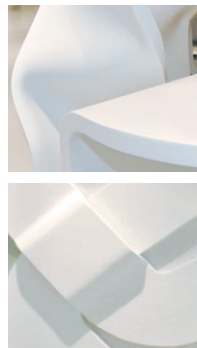
03

Exhibition Hall,
Institute of
Human Resources
Development,
Korea



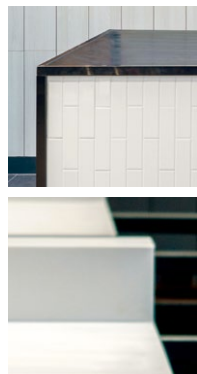
04

Display Furniture,
Wall Covering,
Stewart Weitzman
Shoes Shop,
Greece



05

Counter Top,
Table, Cafeteria,
Lotteria, Korea



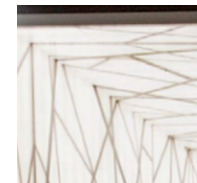
06

Information Desk,
Dongdaemun
Design Plaza,
Korea, Designed by
Zaha Hadid



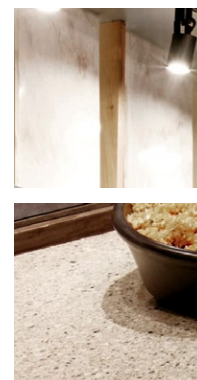
07

Media Facade,
Kumho Art Hall,
Yonsei Univ.,
Korea



08

Tabletop,
Wall Cladding,
Season's Table
Restaurant,
Korea



09

Reception Desk,
Schaffhauser
Kantonalbank,
Switzerland,
Designed by
Gehri Architects



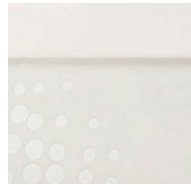
10

Display Furniture,
Fashion Shop,
Korea



11

Counter Top,
Wall Cladding,
Restaurant,
France



12

Table, Interior Deco,
Sushi bar, Cyprus



13

Lighting Box,
BIBIGO Restaurant,
Korea



HEALTHCARE & HOSPITALITY

01

Wall Covering,
Furniture,
Dental Hygiene
School, Switzerland,
Designed by
Bern Smile



-  SEAMLESS INSTALLATIONS
-  EASY TO MAINTAIN
-  NON-POROUS
-  EASY TO CLEAN
-  EXCELLENT DURABILITY
-  HOMOGENOUS
-  RESISTANT TO STAINS AND CHEMICALS
-  SUPERIOR QUALITY
-  VERSATILE DESIGN
-  SUSTAINABLE

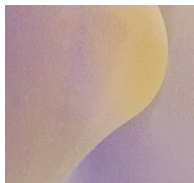
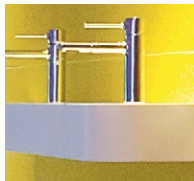
02

Furniture,
Wall Cladding,
Marriott Renaissance
Barcelona Fira Hotel,
Spain, Designed by
Ribas&Ribas,
Jean Nouvel



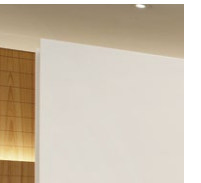
03

Furniture,
Wall Covering,
Hypnotique Spa,
Italy, Designed by
Simone Micheli



04

Wall Covering,
Wash Bowl,
Tabletop,
Sheraton Grande
Walkerhill Hotel,
Korea

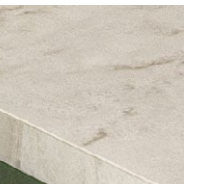




Supreme,
Ocean View
VO171

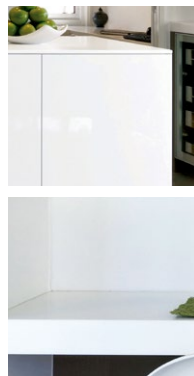
01

Kitchen Worktop,
Korea



02

Kitchen Worktop,
Interior Furniture,
Australia,
Designed by
Darren James



03

Kitchen Worktop,
England



04

Kitchen Worktop,
Jakarta Design
Center, Show room,
Indonesia



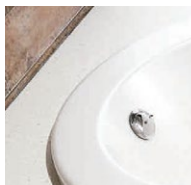
05

Kitchen Worktop,
Australia,
Designed by
Lenka Jankovcova
of Find&Design



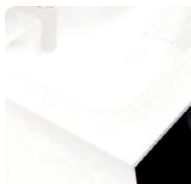
06

Wash Bowl,
Bathtub, Korea



07

Wash Bowl,
Bathtub, Korea



08

Tabletop,
Australia



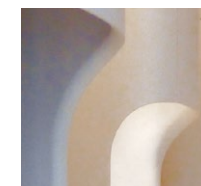
09

Kitchen Worktop,
Euro Cucina, Italy



10

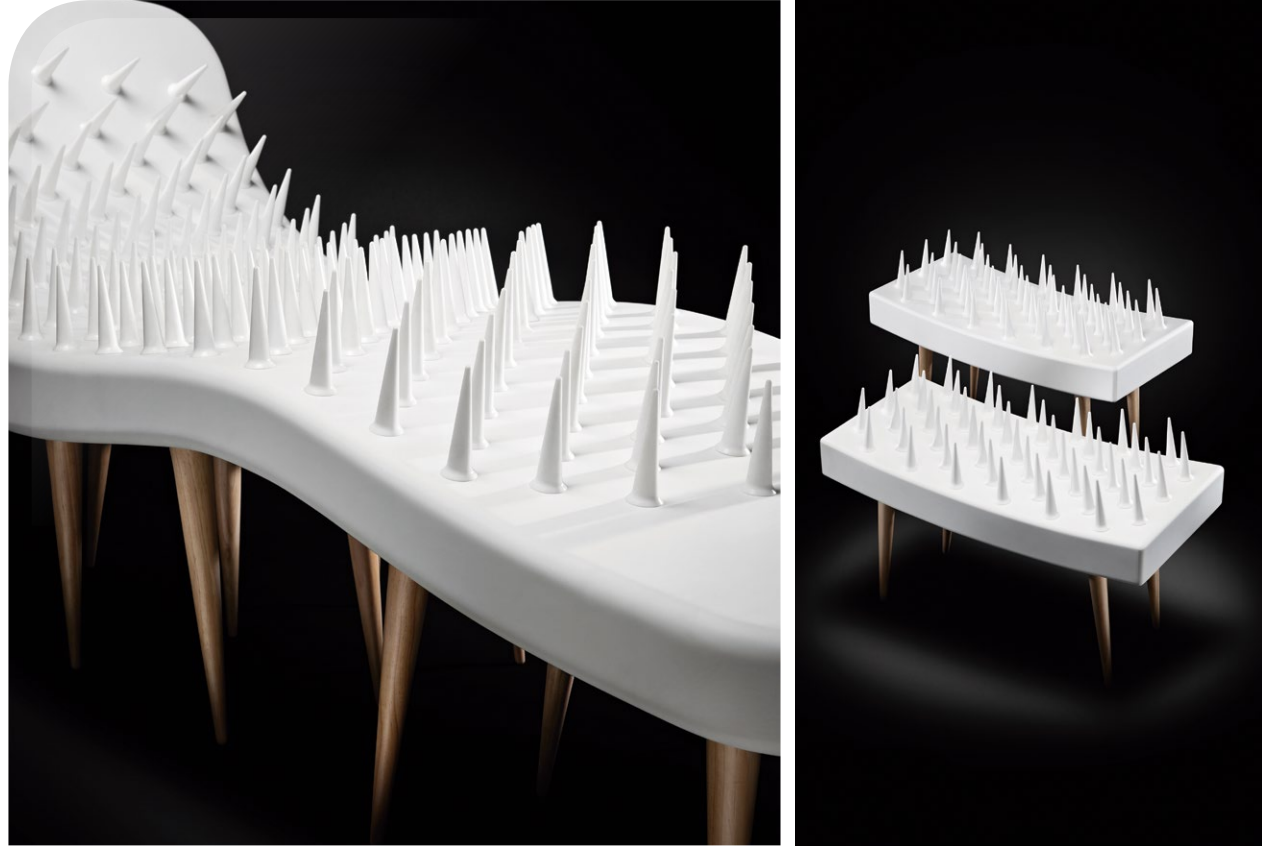
Wall Covering,
Hong Kong
Pacific Palace,
China



CREATIVE WORKS

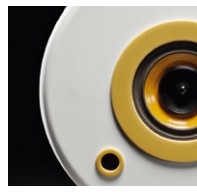
01

Hedgehog Sofa,
100% Design,
London 2014



02

Owl Speaker,
100% Design,
London 2014



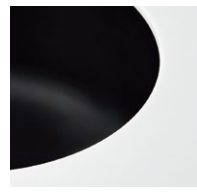
03

Humpback Whale
Island Kitchen,
100% Design,
London 2014



05

Killer Whale
Island Kitchen,
100% Design,
London 2014



04

Zebra Table,
100% Design,
London 2014





DESIGNER'S CHOICE

LOBBYS AND PUBLIC SPACES

The random, directional pattern of the Supreme Collection colours add visual texture to a material that is smooth to touch and thermo-formable providing optimum design flexibility.

1

Wood

Fabric

Leather

Magnolia
VM143

RECOMMENDED MATERIAL BOARD

2

Wood

Steel

Tile

Natural Bridge
VN144

RECOMMENDED MATERIAL BOARD

3

Wood

Steel

Fabric

Dandelion
VD175

RECOMMENDED MATERIAL BOARD

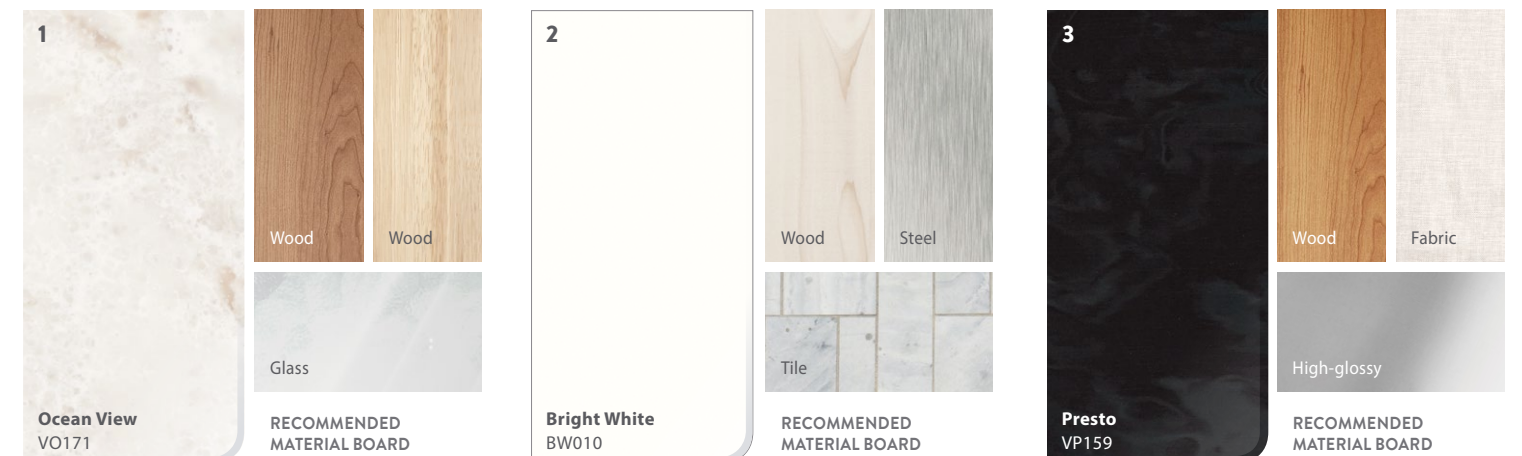


DESIGNER'S CHOICE

RESTAURANTS

Staron is an ideal, colour-through surfacing material in hospitality and restaurant settings.

The Supreme Collection's ocean-like patterns add a relaxed, yet sophisticated, design aesthetic that is durable and renewable.





DESIGNER'S CHOICE

HEALTHCARE

Staron surfaces provide a seamless and ultra-hygienic design element to healthcare, spas and wellness interiors. Pure and neutral solid colours, such as Staron Bright White, add a modern, contemporary look and feel.

1

Presto
VP159

Wood

Glass

Tile

RECOMMENDED MATERIAL BOARD

2

Pure White
SP016

Wood

Steel

Tile

RECOMMENDED MATERIAL BOARD

COLOURS OF STARON

Supreme™



Morning Sky VM114 **NEW**



Cotton White VC110 **NEW**



Beige Granite VB172 **NEW**



Urban Grey VU127 **NEW**



Delphi VD111



Cloudbank VC118



Dawn VD126



Magnolia VM143



Natural Bridge VN144



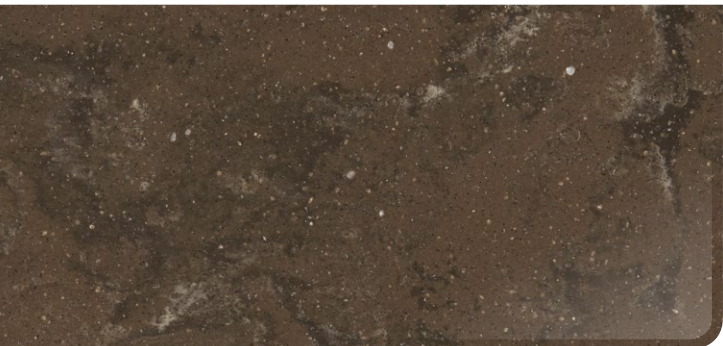
Dandelion VD175



Ocean View VO171



Pastoral VP177



Loam VL155



Presto VP159

• To view new colours in greater detail, please visit www.staron.com
• These colours may require extra care and maintenance; consult with your Staron processor for the best use of these colours.

SOLID

					
Quasar White SQ019	Dazzling White SD001	Pure White SP016	Bright White ❖ BW010	Pearl ❖ SP011	Natural SV041
					
Tusk ST015	Ivory SI040	Blonde ❖ SB043	Fog SF020	Cool Mint ❖ SC063	Powder Blue ❖ SP063
					
Mist SM022	Placid ❖ SP062	Oasis SO064	Bliss ❖ SB022	Serene ❖ SS023	Steel ❖ ST023
					
Sunflower(N) SS04	California Poppy(N) ❖ SC052	Univers(N) ❖ SU053	Iris ❖ SI056	Onyx ❖ ON095	

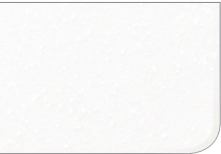


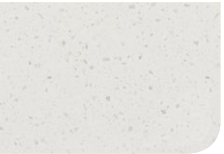

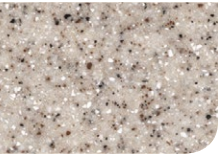
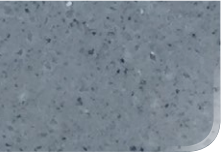
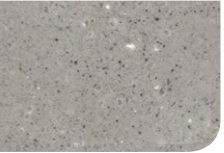

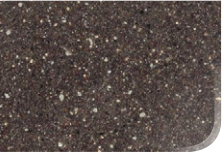

SANDED

					
Sanded Icicle SI414	Sanded White Pepper WP410	Sanded Birch SB412	Sanded Cream SM421	Sanded Sahara SS440	Sanded Gold Dust SG441
					
Sanded Stratus SS418	Sanded Cornmeal SC433	Sanded Oatmeal SO446	Sanded Papyrus SP474	Sanded Vermillion SV430	Sanded Meadow NEW SM465
					
Sanded Heron SH428	Sanded Clay SC475	Sanded Mocha ❖ SM453	Sanded Dark Nebula DN421	Sanded Chestnut NEW SC457	Sanded Tundra ❖ ST482



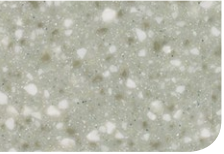
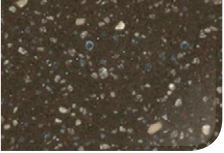
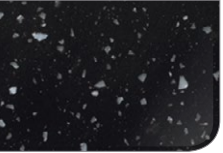
SANDED

		
Sanded Grey SG420	Sanded Taupe NEW ST486	Sanded Onyx ❖ SO423

ASPEN


					
Aspen Glacier AG612	Aspen Snow AS610	Aspen Lily ❖ AL645	Aspen Alder NEW AA625	Aspen Fiesta AF611	Aspen Pepper AP640
					
Aspen Pond NEW AP665	Aspen Concrete NEW AC629	Aspen Brown AB632	Aspen Mine ❖ AM633	Aspen Sky ❖ AS670	

PEBBLE

					
Pebble Ice PI811	Pebble Swan PS813	Pebble Saratoga PS820	Pebble Gold ❖ PG840	Pebble Aqua PA860	Pebble Grey PG810
					
Pebble Blue ❖ PB870	Pebble Terrain ❖ PT857	Pebble Ebony ❖ PE814			

Eco-friendly Materials, Staron

Stock availability varies by colour and size.
Printed representation of colours may vary from actual samples.
Please review actual sample prior to selection.

 Staron recycled content series.

❖ The colour may require additional maintenance.

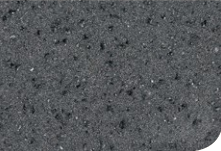
QUARRY



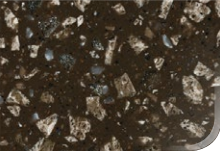
Mosaic Dalmatian ❖
QD212



Quarry Oyster
TO310



Quarry Starred
QS287



Earthen Bark
QL257

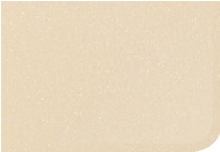


Quarry Minette
QM289

METALLIC



Metallic Yukon
EY510



Metallic Beach
EB545



Metallic Satingold
ES558



Metallic Sleeksilver
ES581



Metallic Galaxy ❖
EG595

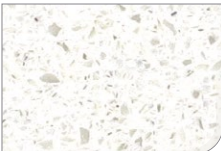
tempest®



Peak
FP100



Polar
FP111



Meteor
FM111



Sonoma
FS143 **NEW**



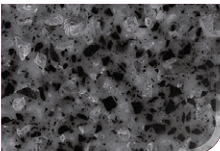
Silvercloud
FS122



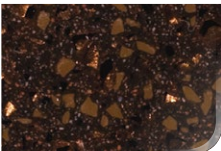
Genesis
FG174



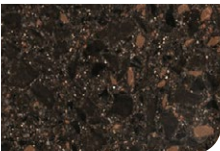
Rattan
FR124



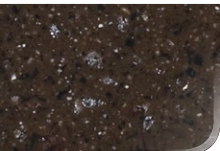
Zenith
FZ184



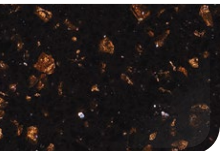
Blaze
FB147



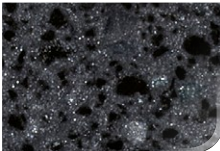
Coffee Bean
FC158



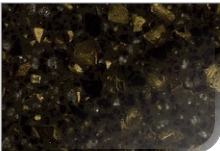
Adamantine
FA159



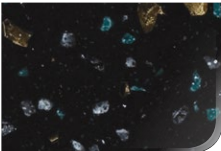
Radiance (Shimmer)
FR148



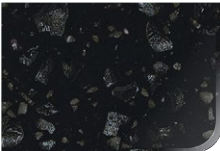
Caviar
FC188



Gold Leaf
FG196



Dazzle
FD191



Starfire
FS198

SINKS AND BOWLS

ADA Compliant

An integral sink will improve the efficiency and hygienic qualities of a kitchen or bath area and, particularly, interior commercial applications. Staron all-acrylic sinks and bowls are installed in combination with Staron sheet materials as part of a continuous surface featuring imperceptible seams for a perfect, uninterrupted fit. That also means there are no gaps or crevices for bacteria or mold to accumulate and grow. Whichever style you choose, Staron's non-porous, hygienic surfaces will always be easy to clean and maintain.

Choose from three coordinated sink colour options from a collection of ten, popular models.

Staron sinks come in the following colours:

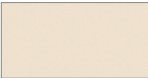
Colour Options



Bright White BW010



Pearl SP011

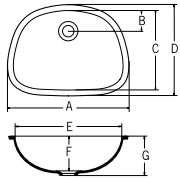


Ivory SI040



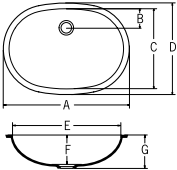
LAVATORY SINKS / BASINS

A3201



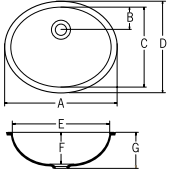
- A 20-3/8" (517mm)
- B 3-3/8" (86mm)
- C 3-5/8" (346mm)
- D 15-3/16" (386mm)
- E 8-13/16" (477mm)
- F 5-1/2" (140mm)
- G 6-3/16" (157mm)

A3211



- A 21-9/16" (548mm)
- B 3-3/8" (86mm)
- C 14" (356mm)
- D 15-9/16" (396mm)
- E 20" (508mm)
- F 6-1/8" (156mm)
- G 6-13/16" (173mm)

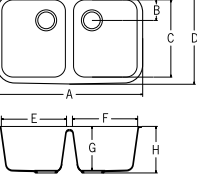
A3181



- A 18-3/16" (462mm)
- B 3-11/16" (94mm)
- C 13-1/4" (336mm)
- D 14-13/16" (376mm)
- E 16-5/8" (422mm)
- F 5-1/2" (139mm)
- G 6-1/8" (156mm)

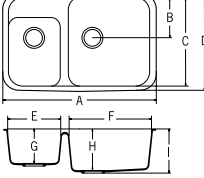
KITCHEN / UTILITY SINKS

A2311



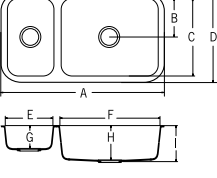
- A 31-1/4" (794mm)
- B 4-15/16" (110mm)
- C 16-9/16" (421mm)
- D 18-15/16" (481mm)
- E 13-11/16" (348mm)
- F 13-11/16" (348mm)
- G 9-1/4" (235mm)
- H 9-13/16" (250mm)

A2321



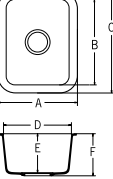
- A 32-13/16" (834mm)
- B 8-13/16" (244mm)
- C 9-1/4" (488mm)
- D 21-9/16" (548mm)
- E 11-5/16" (287mm)
- F 17-9/16" (446mm)
- G 7-1/2" (191mm)
- H 9" (229mm)
- I 9-5/8" (244mm)

A2341



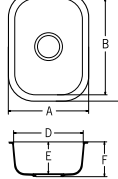
- A 34-7/8" (886mm)
- B 8-3/8" (213mm)
- C 16-3/4" (426mm)
- D 19-1/8" (486mm)
- E 10" (254mm)
- F 21" (533mm)
- G 5" (127mm)
- H 7-1/2" (191mm)
- I 8-1/16" (206mm)

A1121



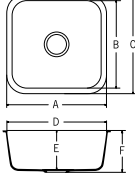
- A 12-13/16" (326mm)
- B 14" (356mm)
- C 16-3/8" (416mm)
- D 10-3/8" (266mm)
- E 6-1/2" (165mm)
- F 7-1/16" (180mm)

A1131



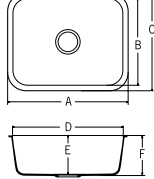
- A 13-7/16" (341mm)
- B 15-3/4" (400mm)
- C 18-1/8" (460mm)
- D 11-1/16" (281mm)
- E 5-1/4" (133mm)
- F 5-7/8" (148mm)

A1181



- A 18-1/8" (460mm)
- B 15-3/4" (400mm)
- C 18-1/8" (460mm)
- D 15-3/4" (400mm)
- E 8-3/16" (208mm)
- F 8-7/8" (225mm)

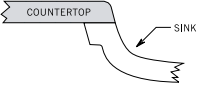
A1231



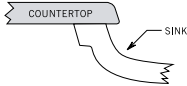
- A 23-5/16" (592mm)
- B 16-5/8" (422mm)
- C 9" (482mm)
- D 20-15/16" (532mm)
- E 7-3/8" (187mm)
- F 7-15/16" (202mm)

MOUNTING OPTIONS

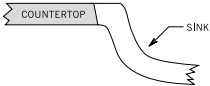
Seam mount



Under mount



Angled mount



PERFORMANCE PROPERTIES

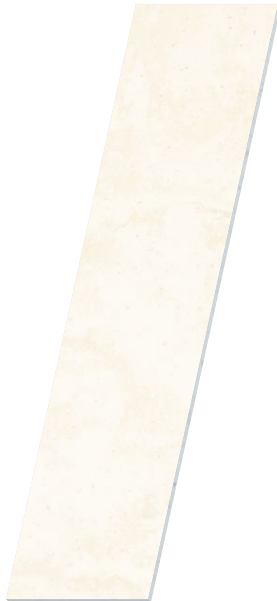
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PROPERTIES	TYPICAL RESULTS	TEST PROCEDURE
Tensile strength	6,000 psi	ASTM D 638
Tensile modulus	600,000 psi	ASTM D 638
Flexural strength	10,000 psi	ASTM D 790
Flexural modulus	1,000,000 psi	ASTM D 790
Elongation	0.5%	ASTM D 638
Hardness	92 Rockwell “M” Scale 65 Barcol impressor	ASTM D 785 ASTM D 2583
Thermal expansion	2.0x1.0 ⁻⁵ in/in F°	ASTM D 696
Gloss (60 Gardner)	Between 5-20	NEMA LD-3
Colour stability	No change-200hrs	NEMA LD-3
Stain resistance	Pass Rating 41	ANSIZ 124
Abrasion resistance	Pass	ANSIZ 124
Boiling water surface resistance	No effect	NEMA LD-3
High temperature resistance	No effect	NEMA LD-3
IZON Impact resistance (Notched)	0.28ft. lbf/in	ASTM D 256
Ball drop 1/2” (12.3 mm) sheet	144”w/1/2lb ball No failure	NEMA LD-3
Fungi and Bacterial resistance	No growth	ASTM G 21, G22
Specific gravity Solid colours Patterened colours	1.72 1.69	ASTM D 792
Water absorption	0.04%, (1/2”, 24hrs) 0.11%, (1/8”, 24hrs)	ASTM D 570
Flammability Flame spread Smoke density	Class A/Class 1 10 10	UBC 8-1 ASTM E 84 ASTM E 84
Radiant heat resistance	No visual effect	NEMA LD-3
Toxicity	84.4g (solid Colour) 81.8g (Patterned Colour)	Pittsburgh test protocol (LC50 Test)

PRODUCT DIMENSIONS

COLLECTION


Supreme, Solid,
Sanded, Aspen,
Pebble, Quarry,
Metallic, Tempest



THICKNESS	WIDTH	LENGTH
mm	mm	mm
12 (1/2in)	760 (30in)	3,680 (145in)

COLLECTION

Solid, Sanded,
Aspen



THICKNESS	WIDTH	LENGTH
mm	mm	mm
6 (1/4in)	760 (30in)	2,500 (98in)

- 6mm (1/4”) thickness sheet is not recommended for horizontal application.
- If there is a specific dimension or size that is required for a particular project, please consult with the local installer.

STARON® 10-YEAR LIMITED WARRANTY

The 10-year warranty applies to Staron, Tempest and Supreme Collection products that have been installed in an interior, commercial-use or residential application. For more details, please consult with your Staron products distributor, or visit www.staron.com

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