

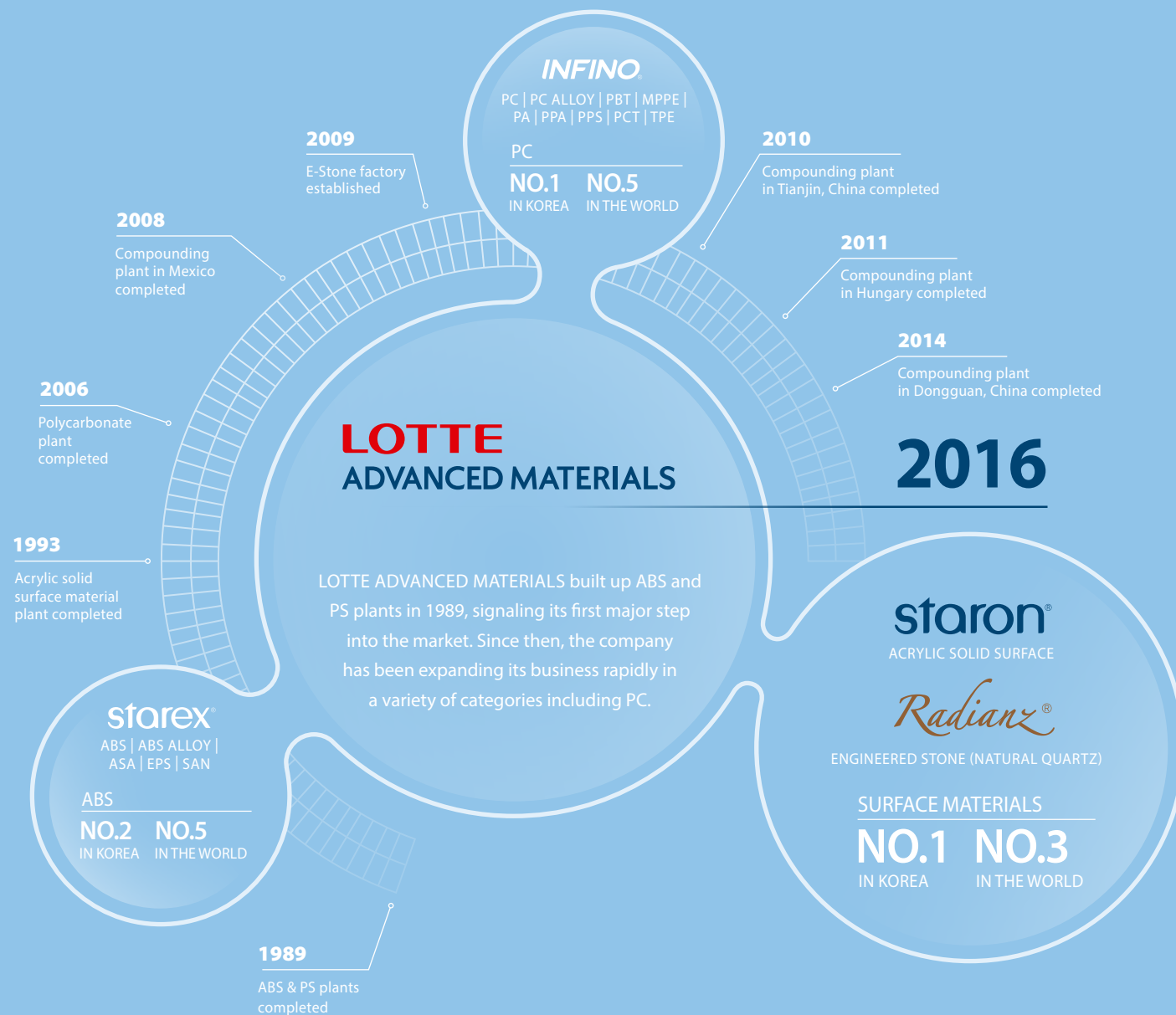


staron®

Solid Surfaces

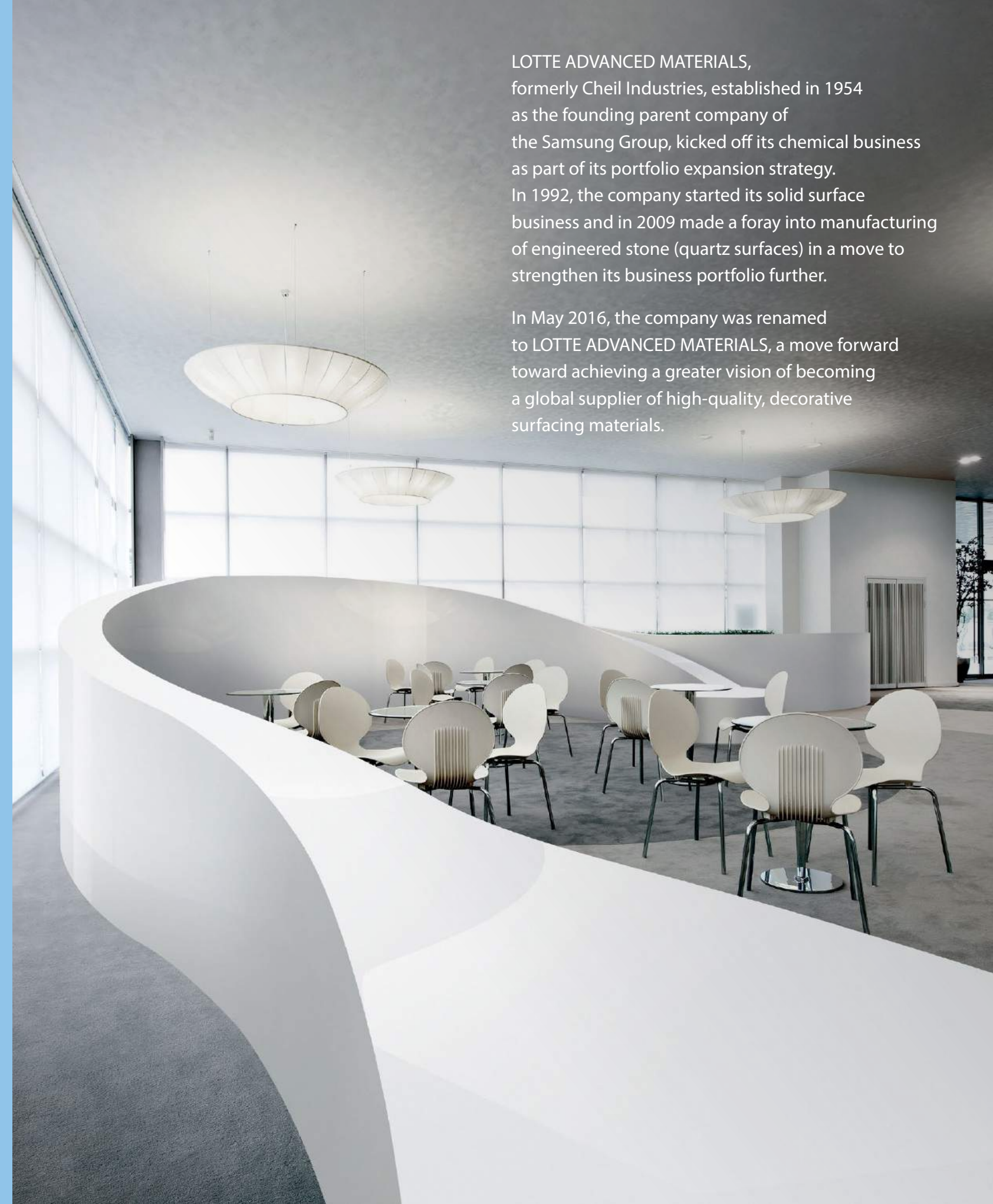
LOTTE ADVANCED MATERIALS

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 colors, 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 COLORS

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

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



Quarry Ridge
QR278

Cotton White
VC110

Pebble Boulder
PB852

Morning Sky
VM114

Beige Granite
VB172

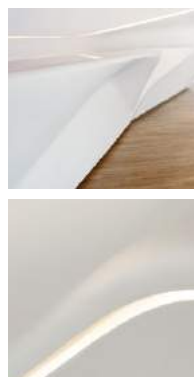
Sanded Taupe
ST486

Urban Grey
VU127

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



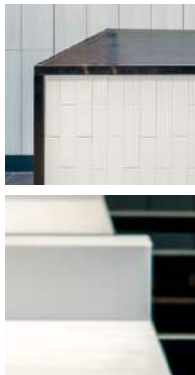
04

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

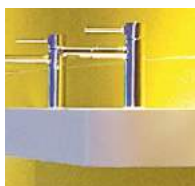
02

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



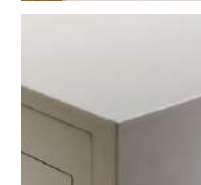
03

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

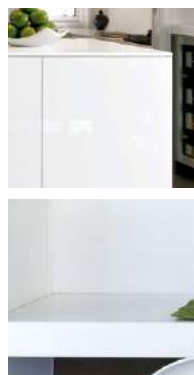
01

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

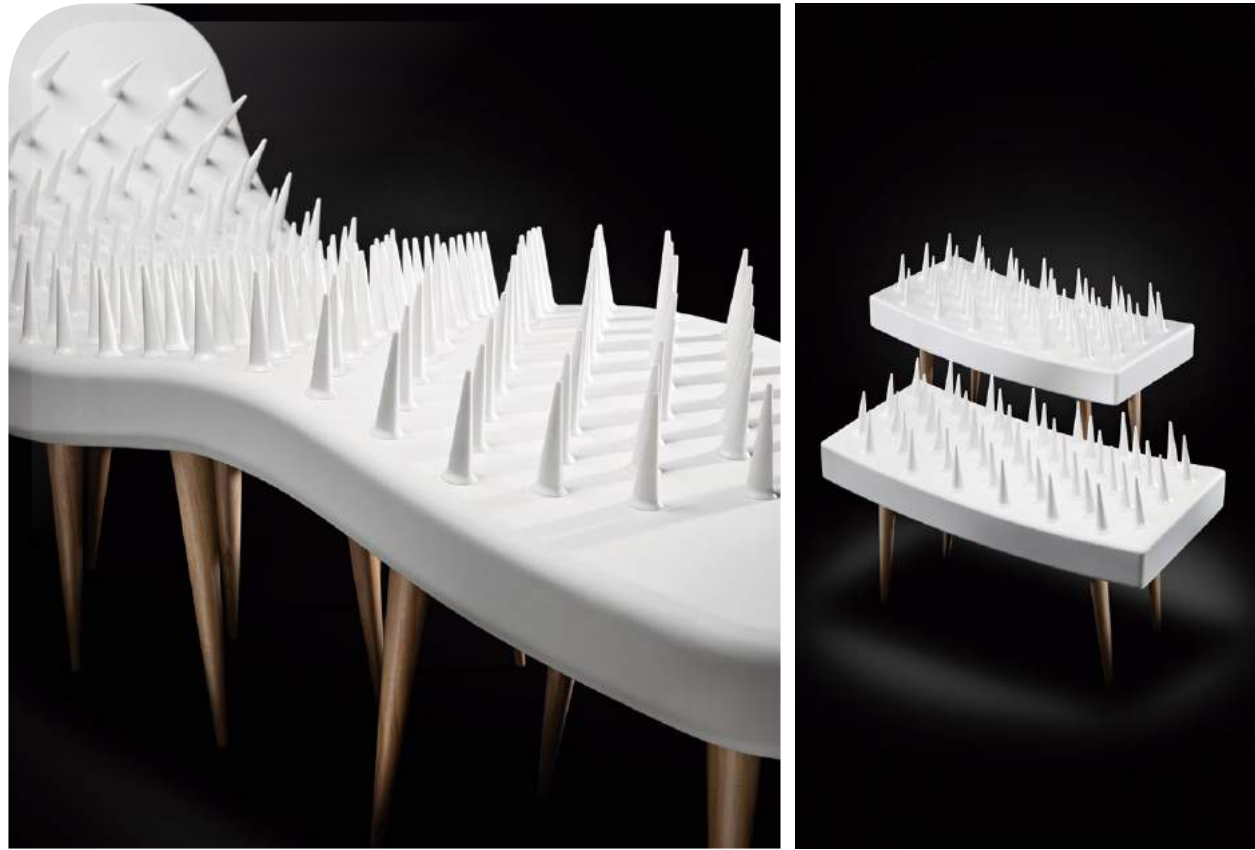
Wall Covering,
Hong Kong
Pacific Palace,
China



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 colors 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

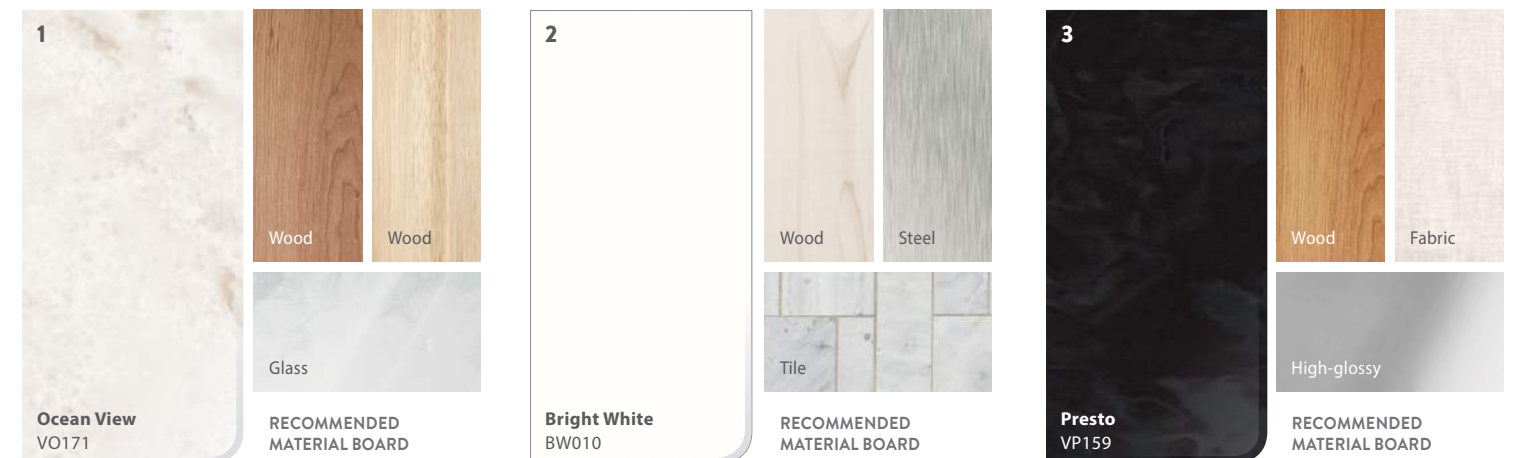


DESIGNER'S CHOICE

RESTAURANTS

Staron is an ideal, color-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-colors, 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

COLORS OF STARON

Supreme™



Morning Sky VM114 **NEW**



Cotton White VC110 **NEW**



Delphi VD111



Cloudbank VC118



Natural Bridge VN144



Dandelion VD175



Loam VL155



Presto VP159

Truly Unique, the Supreme™ collection

The Supreme™ collection features a natural, rhythmic pattern and delivers the next generation of high-performance, premium surfaces for commercial spaces and discerning residential interiors.



Beige Granite VB172 **NEW**



Urban Grey VU127 **NEW**



Dawn VD126



Magnolia VM143



Ocean View VO171



Pastoral VP177

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


SOLID



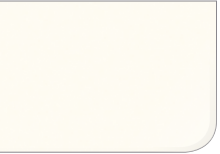
Quasar White
SQ019



Pure White
SP016




Bright White
BW010



Pearl
SP011




Ivory
SI040



Blonde
SB043



Tusk
ST015




Celadon
SC010




Placid
SP062



Serene
SS023



Sunflower(N)
SS042



Univers(N)
SU053



Onyx
ON095

SANDED



Sanded Icicle
SI414



Sanded White Pepper
WP410



Sanded Birch
SB412



Sanded Cream
SM421



Sanded Linen
SL443



Sanded Sahara
SS440



Sanded Gold Dust
SG441



Sanded Papyrus
SP474



Sanded Vermillion
SV430



Sanded Meadow
SM465



Sanded Cornmeal
SC433



Sanded Clay
SC475



Sanded Mocha
SM453



Sanded Chestnut
SC457



Sanded Tundra
ST482



Sanded Grey
SG420




Sanded Taupe
ST486



Sanded Onyx
SO423

Eco-friendly Materials, Staron

Printed representation of colors may vary from actual samples.
Please review actual sample prior to selection.

 Staron recycled content series.

ASPEN



Aspen Snow
AS610



Aspen Lily
AL645



Aspen Alder
AA625



Aspen Cliff
AC652



Aspen Pepper
AP640



Aspen Concrete
AC629



Aspen Brown
AB632



Aspen Pond
AP665



Aspen Sky
AS670

PEBBLE



Pebble Swan
PS813



Pebble Frost
PF812



Pebble Saratoga
PS820



Pebble Chiffon
PC842



Pebble Gold
PG840



Pebble Seastar
PS843



Pebble TeaRose
PT845



Pebble Boulder
PB852



Pebble Copper
PC851



Pebble Grey
PG810




Pebble Blue
PB870




Pebble Chocolate
PC855

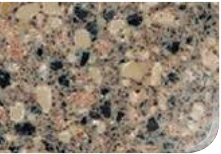
QUARRY



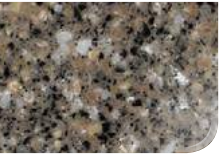
Quarry Oyster
TO310




Quarry Ridge
QR278



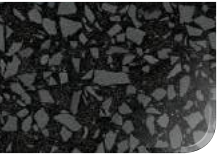
Quarry Mesa
QM242




Quarry Bluff
QB244




Quarry Starred
QS287



Quarry Minette
QM289



Mosaic Dalmatian
QD212



Mosaic Nimbus
QN287

METALLIC

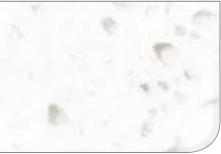


Metallic Yukon
EY510



Metallic Satingold
ES558

tempest®



Peak
FP100



Confection
FC116



Horizon
FH114



Shell
FS115



Prairie
FP142



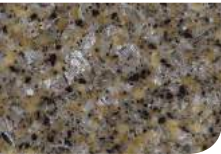
Rattan
FR124



Caraway
FC155



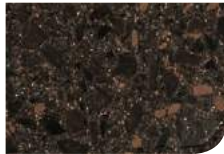
Glimmer
FG144



Whippoorwill
FW145



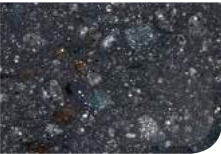
Bronzestar
FB154



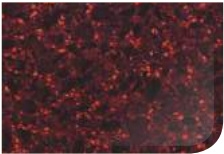
Coffee Bean
FC158



Radiance (Shimmer)
FR148



Igneous
FI187



Spice
FS137

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 color options from a collection of ten, popular models. Staron sinks come in the following colors:

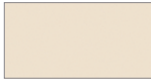
Color Options



Bright White BW010



Pearl SP011

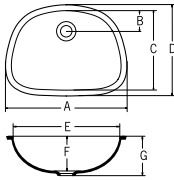


Ivory SI040



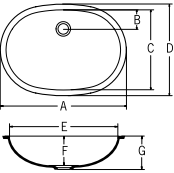
LAVATORY SINKS / BASINS

A3201



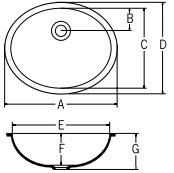
- A 20-3/8" (517mm)
- B 3-3/8" (86mm)
- C 13-5/8" (346mm)
- D 15-3/16" (386mm)
- E 18-13/16" (477mm)
- F 5-1/2" (140mm)
- G 6-3/16" (157mm)

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)

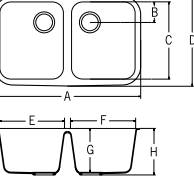
A3181



- 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)

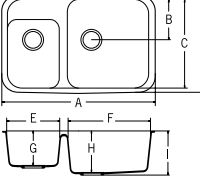
KITCHEN / UTILITY SINKS

A2311



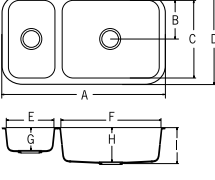
- A 31-1/4" (794mm)
- B 4-15/16" (110mm)
- C 16-9/16" (421mm)
- D 18-15/16" (481mm)
- E 13-11/16" (348mm)
- F 13-11/16" (348mm)
- G 9-1/4" (235mm)
- H 9-13/16" (250mm)

A2321



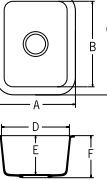
- A 32-13/16" (834mm)
- B 8-3/8" (213mm)
- C 19-1/4" (488mm)
- D 21-9/16" (548mm)
- E 11-5/16" (287mm)
- F 17-9/16" (446mm)
- G 7-1/2" (191mm)
- H 9" (229mm)
- I 9-5/8" (244mm)

A2341



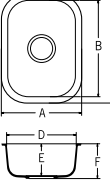
- A 34-7/8" (886mm)
- B 8-3/8" (213mm)
- C 16-3/4" (426mm)
- D 19-1/8" (486mm)
- E 10" (254mm)
- F 21" (533mm)
- G 5" (127mm)
- H 7-1/2" (191mm)
- I 8-1/16" (206mm)

A1121



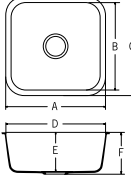
- A 12-13/16" (326mm)
- B 14" (356mm)
- C 16-3/8" (416mm)
- D 10-3/8" (266mm)
- E 6-1/2" (165mm)
- F 7-1/16" (180mm)

A1131



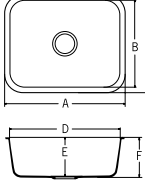
- A 13-7/16" (341mm)
- B 15-3/4" (400mm)
- C 18-1/8" (460mm)
- D 11-1/16" (281mm)
- E 5-1/4" (133mm)
- F 5-7/8" (148mm)

A1181



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

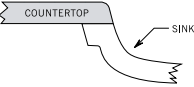
A1231



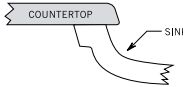
- A 23-5/16" (592mm)
- B 16-5/8" (422mm)
- C 19" (482mm)
- D 20-15/16" (532mm)
- E 7-3/8" (187mm)
- F 7-15/16" (202mm)

MOUNTING OPTIONS

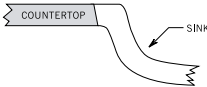
Seam mount



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 Fº	ASTM D 696
Gloss (60 Gardner)	Between 5-20	NEMA LD-3
Color 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 colors Pattereded colors	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 Color) 81.8g (Patterned Color)	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

DISCLAIMER

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