

staron®

Solid Surfaces

LOTTE ADVANCED MATERIALS SHANGHAI CO., LTD.

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LOTTE ADVANCED MATERIALS

Originally established in 1954 as Cheil Industries, the Samsung Group launched its chemical-business units in 1988 as part of an overall business expansion strategy.

In 1992, the company commenced the manufacture of acrylic solid surface products marketed under the “Staron®” brand, followed by the introduction of the Tempest Collection launched in 2006. The Samsung Group further expanded its decorative surfaces portfolio by introducing “Radianz®” engineered natural quartz surfaces in 2009.

With its drive to become a global supplier of top-tier decorative surfacing materials, Lotte Chemical Corporation launched LOTTE ADVANCED MATERIALS in May of 2016 through its acquisition of Samsung Chemical.

LOTTE ADVANCED MATERIALS-
High-quality materials,
refined sensibilities.

2019 LOTTE ADVANCED MATERIALS

LOTTE ADVANCED MATERIALS launched its ABS and PS plants in 1989, signaling its first major step into the market. Since then, the company has been expanding its business rapidly in a variety of categories including poly-carbonate and high-performance decorative surfacing materials.

1989 ABS & PS plants completed	1993 Acrylic solid surface material plant completed	2006 Polycarbonate plant completed	2008 Compounding plant in Mexico completed
2014 Compounding plant in Dongguan, China completed	2011 Compounding plant in Hungary completed	2010 Compounding plant in Tianjin, China completed	2009 Quartz Surfaces factory established

storex®
ABS | ABS ALLOY | ASA | EPS | SAN

ABS
NO.2 NO.5
IN KOREA IN THE WORLD

INFINO®
PC | PC ALLOY | PBT | MPPE |
PA | PPA | PPS | PCT | TPE

PC
NO.1 NO.5
IN KOREA IN THE WORLD

staron®
ACRYLIC SOLID SURFACE

Radianz®
NATURAL QUARTZ SURFACE[Engineered Stone]

SURFACE MATERIALS	NO.1	NO.3
	IN KOREA	IN THE WORLD



STRETCH YOUR IMAGINATION TO EXPERIENCE THE POSSIBILITIES WITH STARON.

WHY STARON ?

Staron® solid surface materials boast dimensional flexibility and low maintenance and is ideal for a multitude of interior applications. Comprised of a wide range of color and pattern options, Staron® is nonporous, ultra-hygienic and ultimately durable. The Tempest and Supreme collections offer translucent properties combined with elegant, refined patterns.



RELIABLE PERFORMANCE

- Cutting-edge technology sets a new standard in surface
- Able to be inconspicuously repaired due to its homogenous composition



HYGIENIC SURFACE

- Non-porous surface inhibits growth of mold and bacteria
- Resistant to heat and abrasion
- Able to refurbish to a new condition



DIMENSIONAL FLEXIBILITY

- Thermo-formable into three-dimensional shapes
- Excellent workability enables virtually unlimited design possibilities



INFINITE RANGE OF COLORS

- Over 150 color options ranging from natural to vivid
- Ongoing collaboration with color trend experts keeps Staron commercially relevant



IMPERCEPTIBLE SEAMS

- Consistent color and texture on every sheet provides a smooth and seamless surface
- Installed without gaps, crevices, or obvious joint-lines



TRANSLUCENCY

- Creative back-lighting effects created by altering the thickness of the material to allow transmission from a low-energy light source



GLOBAL NETWORK

- Regional branch offices and product distribution networks worldwide



RELIABLE QUALITY

- Advanced quality control policy and a commercial 10-year warranty
- Certified eco-friendly by Greenguard and Scientific Certification System

COMMERCIAL & PUBLIC SPACES



01

Observatory Table
LOTTE World
Tower, Korea



Staron® solid surfaces provide a seamless and ultra-hygienic element to any residential and commercial area. Pure and neutral solid-colors, such as Staron® Bright White, add a modern and contemporary finish to an interior space.



02

Task Table
LOTTE World
Tower, Korea



03

Bench
LOTTE World
Tower, Korea





04
Display Fixtures
Stewart Weitzman
Shoes Shop,
Greece



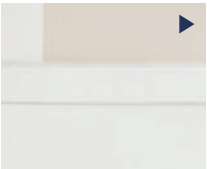
06
Media Facade
Kumho Art Hall,
Korea



05
Wall Cladding
Mumbai Airport
Lounge, India



07
Display
Structure Wall
LOTTE World
Tower, Korea



08

Information
Counter
Library & Learning
Centre, Austria
Designed by
Zaha Hadid
Architect



10

Display Standard
Heidi.com Shop,
Switzerland
Designed by
Zaha Hadid
Architect



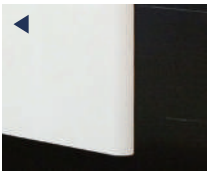
11

Exhibition Hall
Samsung HR
Development
Center, Korea



09

Counter
London Heathrow
Airport, UK



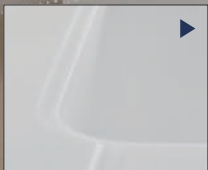
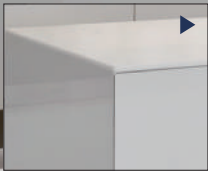
RESIDENTIAL SPACES

Staron® by LOTTE Advanced Materials is becoming a preferred choice among those who prioritize hygienic surface and reliable performance. Achieve the best of both style and quality with Staron® that offers non-porous surface and cutting-edge technology for your space.



01

Kitchen
Countertop
Interior Furniture,
Australia
Designed by
Darren James



03

Kitchen
Countertop
Kitchen House
A and S,
Germany
Designed by
Recker
Architekten
Fabricator
Holzwerkstatt
WINTER



05

Kitchen
Countertop
SUBZERO
Showroom,
Indonesia



04

Kitchen Island
Aarau,
Switzerland
Designed by
Lampli
Architecture



06

Wall Cladding &
Table
Sheraton
walkerhill,
Korea



07

Wash Bowl,
Countertop
Oesch Bad,
Switzerland



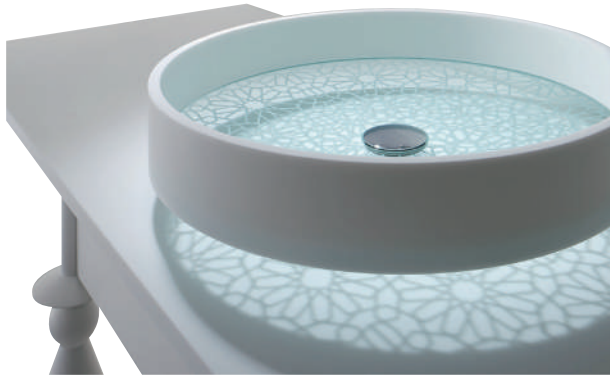
09

Wash Bowl
K&B Showroom,
France



10

Motif Basin
Omvivo, Australia
Designed by
Thomas Coward



08

Bathtub,
Countertop
Oesch Bad,
Switzerland



11

Wash Bowl
Marriott
Renaissance Hotel
Barcelona, Spain
Designed
by Jean Nouvel



HEALTHCARE

• To view more details, please visit www.staronhealthcare.com



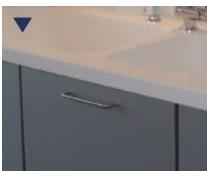
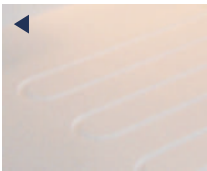
01
Wall Cladding &
Furniture
Dental Hygiene
School,
Switzerland
Designed by
Bern Smile



Durable and ultra hygienic Staron® solid surfaces offer unparalleled design flexibility, color selection and ease of maintenance and repair— all while exceeding stringent commercial healthcare standards.



02
Countertop
Geneva University
Hospital,
Switzerland





03

Integral Sinks
Barmherzige
Schwestern
Hospital, Austria



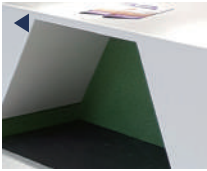
04

Nurses' Station
Rizk Hospital,
Lebanon
Architect
Pierre Saadeh



06

Information Desk
King Hamad
Oncology Center,
Bahrain



05

Nurses' Station
St .Joe's
Healthcare,
USA



07

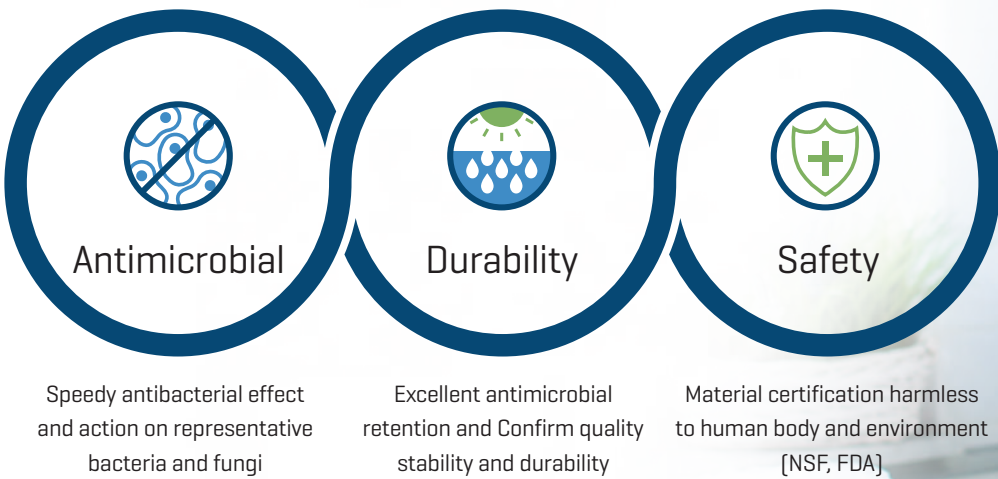
Patient's Room
Fixture
Samsung Seoul
Atopycenter,
Korea



ANTIMICROBIAL MATERIAL, SOLUTION FOR HEALTHCARE

evermoin® anti-microbial surfaces from staron® can be applied to almost any interior space within a healthcare facility. Imagine casework, work-stations and wall-cladding in a functional and renewable material that is durable as well as ultra-hygienic. Achieve the perfect blend of simplicity in design in an anti-microbial surface engineered for a healthier life.

Benefit of evermoin®





NEW

Product information

Ultra Bright MU010

Dimension :
L.3680 x W.760 x 12T [mm]
L.2500 x W.760 x 6T [mm]



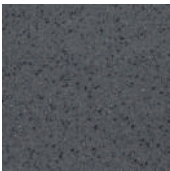
URBAN SERIES PROPOSAL

Simple, modern and sophisticated. Staron® Urban Collection is characterized by understated, industrially inspired colors— perfect for commercial spaces as well as minimalist residential applications.

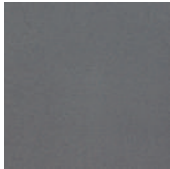
1. Urban Outlook Contrast / Brilliant & Essential / Texture



Sanded Heron
SH428



Quarry Starred
QS287



Metallic Sleet Silver
ES581



Sanded Goose
SG428

2. Effortless Beauty Sleek / Neutral / Contemporary



Bliss
SB022



Steel
ST023



Aspen Misto
AM681



Aspen Concrete
AC629



Urban Grey
VU127

FACADE SOLUTION

Explore your limits with the infinitely versatile and durable surface. Staron® offers endless design potentials that meet the demands of any space.

1. Seamless Joint



2. Dimensional Flexibility



3. CNC Fabrication



4. Lighting Effect



Supreme™

THE SUPREME COLLECTION

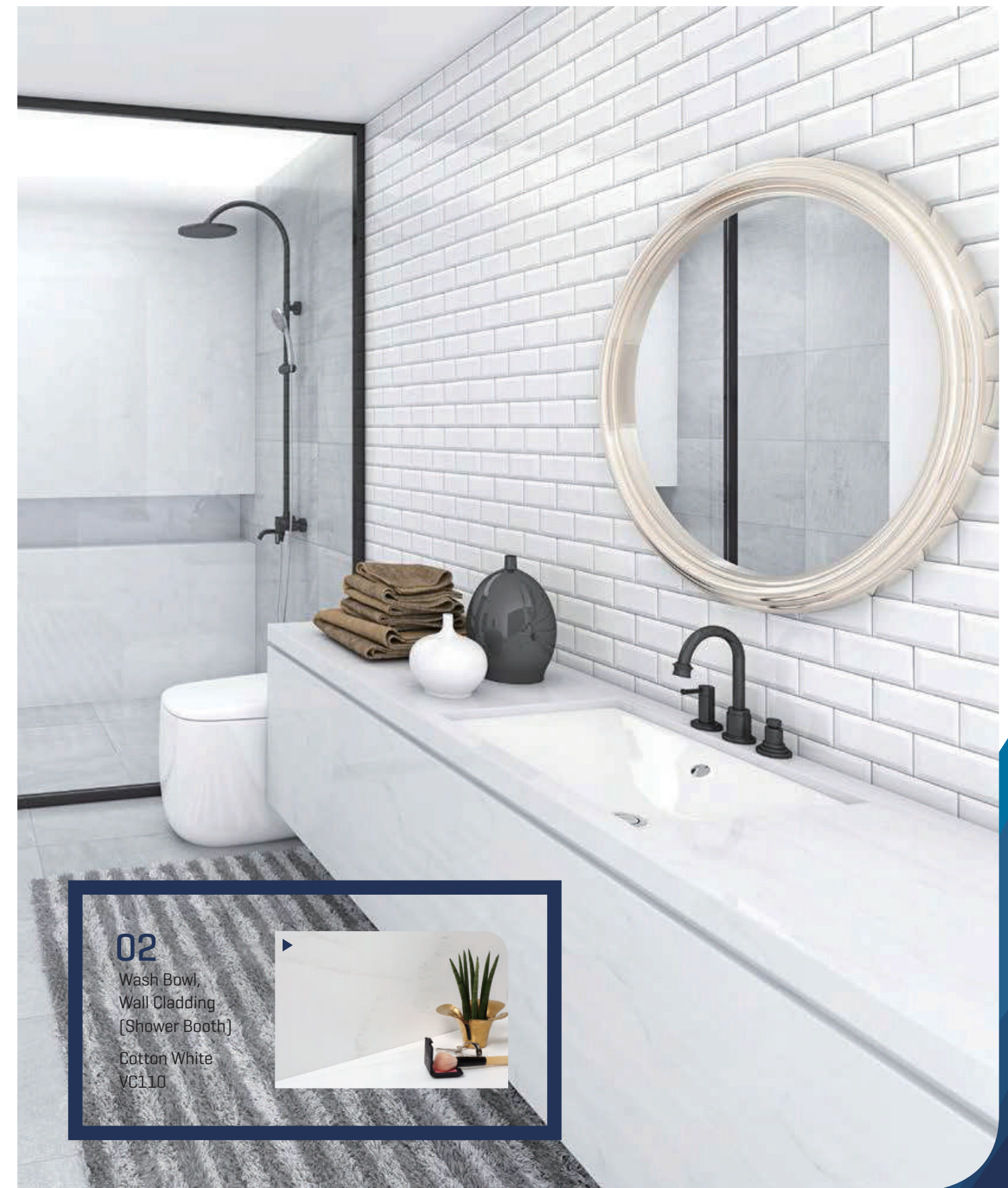
The variegated patterns of the Supreme Collection offers relaxed aqueous textures to neutral surfaces that can embellish any interior aesthetics. Staron® high durability features make it the ideal surfacing material for any unique and distinctive fixtures.

01

Kitchen
Countertop
Morning Sky
VM114



Nature's Art & Movement



02

Wash Bowl,
Wall Cladding
[Shower Booth]
Cotton White
VC110



03

Kitchen
Countertop
Ocean View
V0171



04

Information Desk
Cloudbank
VC118



06

Information Desk
Magnolia
VM143



05

Kitchen
Countertop
Dandelion
VD175



07

Kitchen
Countertop
Natural Bridge
VN144



08

Kitchen
Countertop
Urban Grey
VU127



NEW COLORS

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

Pebble Moon
靚月
PM832

Aspen Misto
密斯朵
AM681

Pebble Chiffon
雪纺
PC842

Aspen Eggshell
蛋壳
AE642

Aspen Iceberg
冰山
AI612

Sanded Iceblue
冰蓝
SI462

Sanded Mint
薄荷
SM463

Sanded Goose
大鹅
SG428

evermoin® Ultra Bright
亮白
MU010

Supreme Concerto
协奏曲
VC157

Supreme Odyssey
奥德赛
VO173

Tempest Mystic
神秘
FM178

Supreme Desert Wind
沙漠风
VD173





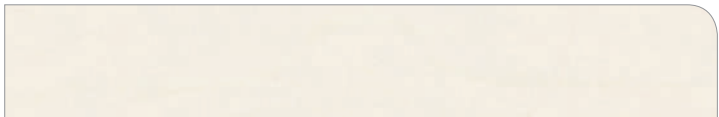


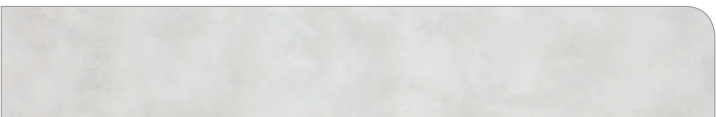
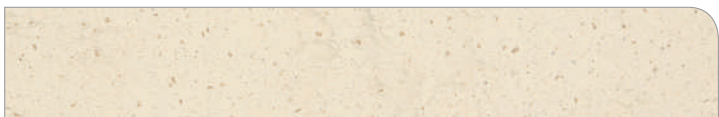



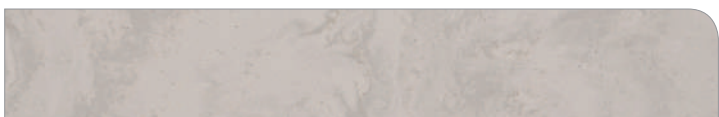



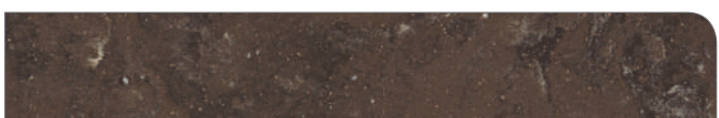

Supreme Reno
里诺
VR184

Tempest Coconut
椰奶
FC112

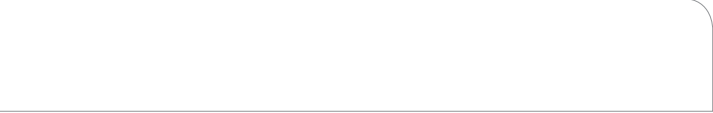
Tempest Bamboo
青竹
FB173

COLORS OF STARON

SUPREME 至高

	
Morning Sky 晨空 VM114	Cotton White 棉白 VC110
	
Delphi 特尔斐 VD111	Cloudbank 积云 VC118
	
Beige Granite 黄岗岩 VB172	Magnolia 木兰 VM143
	
Ocean View 海景 VO171	Reno 里诺 VR184 NEW
	
Natural Bridge 蓝桥 VN144	Dandelion 蒲公英 VD175
	
Odyssey 奥德赛 VO173 NEW	Desert Wind 沙漠风 VD173 NEW
	
Dawn 黎明 VD126	Urban Grey 都市灰 VU127
	
Pastoral 田园 VP177	Concerto 协奏曲 VC157 NEW
	
Loam 黏土 VL155	Presto 黑纱 VP159

STARON EVERMOIN 医疗(抗菌)



Ultra Bright 亮白 MU010

PROFESSIONAL (专业)




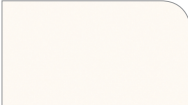
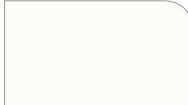
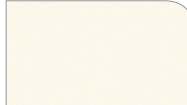
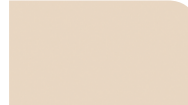
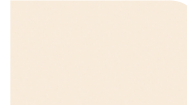







Utopia White 雅士白 SU012, MOQ ≥ 90 sheets

NEW









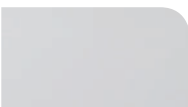










TEMPEST 飓风

				
Meteor 流星 FM111	Coconut 椰奶 FC112 NEW	Horizon 拂晓 FH114	Bamboo 青竹 FB173 NEW	Silvercloud 银云 FS122
				
Mystic 神秘 FM178 NEW	Sonoma 甲骨 FS143	Bronzestar 青铜星 FB154	Caviar 鱼子酱 FC188	Igneous 岩火 FI187


SOLID 净色

						
Quasar White 皓白 SQ019	Pure white 净白 SP016	Bright White 纯白 BW010	Pearl 珍珠白 SP011	Ivory 象牙白 SI040	Natural 白玉 SV041	Oasis 绿洲 S0064
						
Sunflower[N] 向日葵 SS042	Univers[N] 火龙 SU053	California Poppy[N] 加州橙 SC052	Bliss 布利斯 SB022	Steel 钢铁 ST023	Iris 鸢尾 SI056	Onyx 黑玉 ON095


SANDED 麻石

						
Sanded Icicle 冰柱 SI414	Sanded Cream 奶油 SM421	Sanded Cornhusk 苞谷 SC443	Sanded Sahara 撒哈拉 SS440	Sanded Gold Dust 金沙 SG441	Sanded Vermillion 五彩石 SV430	Sanded White Pepper 白椒 WP410
						
Sanded Goose 大鹅 SG428 NEW	Sanded Dover 砂鸽 SD413	Sanded Mocha 摩卡 SM453	Sanded Chestnut 麻栗 SC457	Sanded Heron 灰鹭 SH428	Sanded Iceblue 冰蓝 SI462 NEW	Sanded Mint 薄荷 SM463 NEW
						
Sanded Grey 黑芝麻 SG420	Sanded Taupe 灰褐 ST486	Sanded Tundra 苔原 ST482	Sanded Dark Nebula 大星云 DN421	Sanded Onyx 夜空 SO423		


ASPEN 山峰




Aspen Glacier
冰河 AG612




Aspen GoldRush
淘金热 AG614




Aspen Eggshell **NEW**
蛋壳 AE642




Aspen Iceberg **NEW**
冰山 AI612




Aspen Snow
雪山 AS610




Aspen Alder
赤杨 AA625



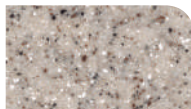
Aspen Lily
百合 AL645




Aspen Stucco
麦穗 AS644




Aspen Cliff
峭壁 AC652




Aspen Pepper
黑椒 AP640



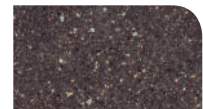
Aspen Brown
矿砂 AB632




Aspen Concrete
混凝土 AC629



Aspen Misto **NEW**
密斯朵 AM681




Aspen Mine
玄武岩 AM633




Aspen Pond
池塘 AP665


PEBBLE 晶岩




Pebble Ice
雪冰 PI811



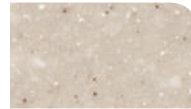
Pebble Swan
天鹅 PS813




Pebble Moon **NEW**
靚月 PM832




Pebble Flan
果酱 PF870



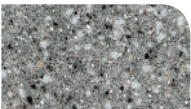
Pebble Saratoga
黄玉 PS820




Pebble Chiffon **NEW**
雪纺 PC842



Pebble Seastar
海星 PS843

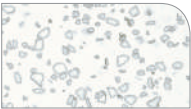


Pebble Grey
白芝麻 PG810




Pebble Terrain
岩层 PT857


QUARRY 花岗岩



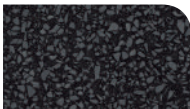
Mosaic Dalmatian
斑点 QD212



Quarry Ridge
山脉 QR278

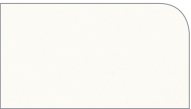


Quarry Starred[N]
星河 QS288




Quarry Minette
云煌石 QM289


METALLIC 金属




Metallic Yukon
木星 EY510



Metallic Satingold
青金 ES558



Metallic Sleeksilver[N]
皓银 ES582



Metallic Galaxy
土星 EG595

Eco-Friendly Materials, Staron

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

- 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.

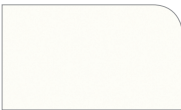


SINKS & BOWLS

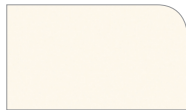
ADA Compliant

Staron solid surface sinks and bowls are installed with the all-acrylic sheet in a seamless appearance for a smooth and polished fit. The continuous transition from sink to surface leaves no seams for bacteria or mold to accumulate and grow, thus Staron’s nonporous solid surfaces are the most desirable choice for hygienic interior commercial applications. Staron sinks come in three following colors in ten popular models:

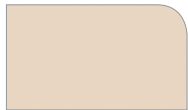
COLOR OPTIONS



Bright White BW010



Pearl SP011

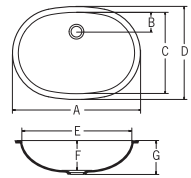


Ivory SI040



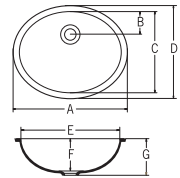
LAVATORY SINKS / BASINS

A3211



A 21.57in [548mm]
B 3.38in [86mm]
C 14.01in [356mm]
D 15.59in [396mm]
E 20.00in [508mm]
F 6.14in [156mm]
G 6.81in [173mm]

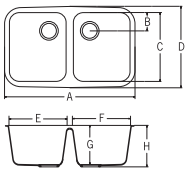
A3181



A 18.18in [462mm]
B 3.70in [94mm]
C 13.22in [336mm]
D 14.80in [376mm]
E 16.61in [422mm]
F 5.47in [139mm]
G 6.14in [156mm]

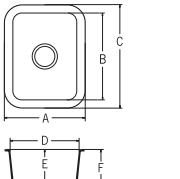
KITCHEN / UTILITY SINKS

A2311



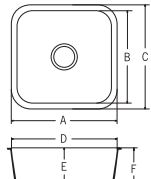
A 31.25in [794mm]
B 4.33in [110mm]
C 16.57in [421mm]
D 18.93in [481mm]
E 13.70in [348mm]
F 13.70in [348mm]
G 9.25in [235mm]
H 9.84in [250mm]

A1121



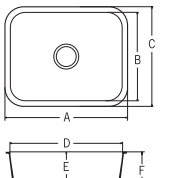
A 12.83in [326mm]
B 14.01in [356mm]
C 16.37in [416mm]
D 10.47in [266mm]
E 6.49in [165mm]
F 7.08in [180mm]

A1181



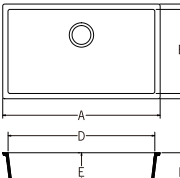
A 18.11in [460mm]
B 15.75in [400mm]
C 18.11in [460mm]
D 15.75in [400mm]
E 8.18in [208mm]
F 8.85in [225mm]

A1231



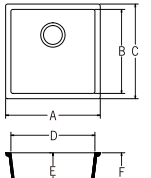
A 23.30in [592mm]
B 16.61in [422mm]
C 18.97in [482mm]
D 20.94in [532mm]
E 7.36in [187mm]
F 7.95in [202mm]

B3290



A 29.52in [750mm]
B 15.75in [400mm]
C 17.64in [448mm]
D 27.48in [698mm]
E 7.28in [185mm]
F 7.87in [200mm]

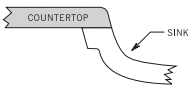
B3180



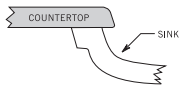
A 17.67in [449mm]
B 15.75in [400mm]
C 17.67in [449mm]
D 15.75in [400mm]
E 6.89in [175mm]
F 7.48in [190mm]

MOUNTING OPTIONS

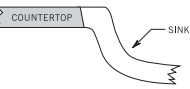
Seam mount



Under mount



Angled mount



PERFORMANCE PROPERTIES

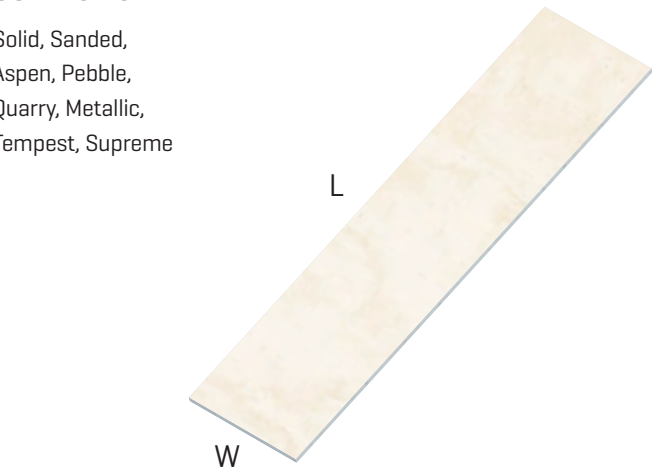
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PROPERTY	TEST RESULT	TEST PROCEDURE
Tensile strength	6,000 psi	ASTM D 638
Tensile modulus	600,000 psi	ASTM D 638
Flexural strength	10,000 psi	ASTM D 790
Flexural modulus	1,000,000 psi	ASTM D 790
Elongation	0.5%	ASTM D 638
Hardness	92 Rockwell “M” Scale 65 Barcol impressor	ASTM D 785 ASTM D 2583
Thermal expansion	2.0x1.0 ⁻⁵ in/in F ⁰	ASTM D 696
Gloss [60 Gardner]	Between 5-20	NEMA LD-3
Color stability	No change-200hrs	NEMA LD-3
Stain resistance	Passed Rating 41	ANSIZ 124
Abrasion resistance	Passed	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 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 Patterened 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

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



THICKNESS	WIDTH	LENGTH
mm	mm	mm
12 [1/2”]	760 [30”]	3,680 [145”]

- Bright White with a wider width is available. Width of 1350mm with thickness of 12mm and 930mm with thickness of 9mm and 12mm are available.
- Panel thicknesses of 9mm and 19mm available on request.
- 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 agent or distributor.

STARON® 10-YEAR LIMITED WARRANTY

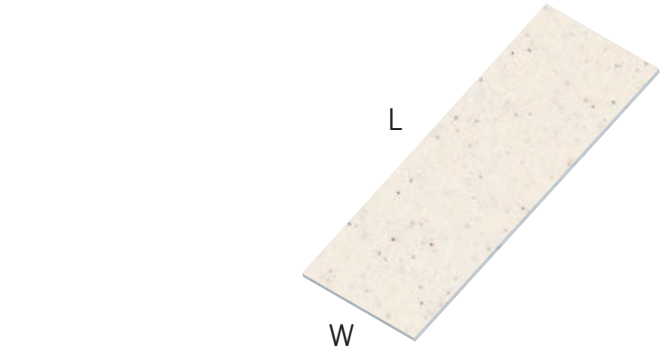
The 10-year warranty applies to Staron, Tempest and Supreme Collection products that have been installed in an interior, commercial-use or residential application. For more details, please consult with your Staron products distributor, or visit www.staron.com

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COLLECTION

Solid, Sanded,
Aspen



THICKNESS	WIDTH	LENGTH
mm	mm	mm
6 [1/4”]	760 [30”]	2,500 [98”]