



LOTTE Chemical California INC.

6 Centerpointe Dr. Suite 100 La Palma, CA 90623, U.S.A.
Tel. +1-800-795-7177

www.staron.com



SOLID SURFACES STARON



High-quality materials, refined sensibilities.

LOTTE CHEMICAL

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.

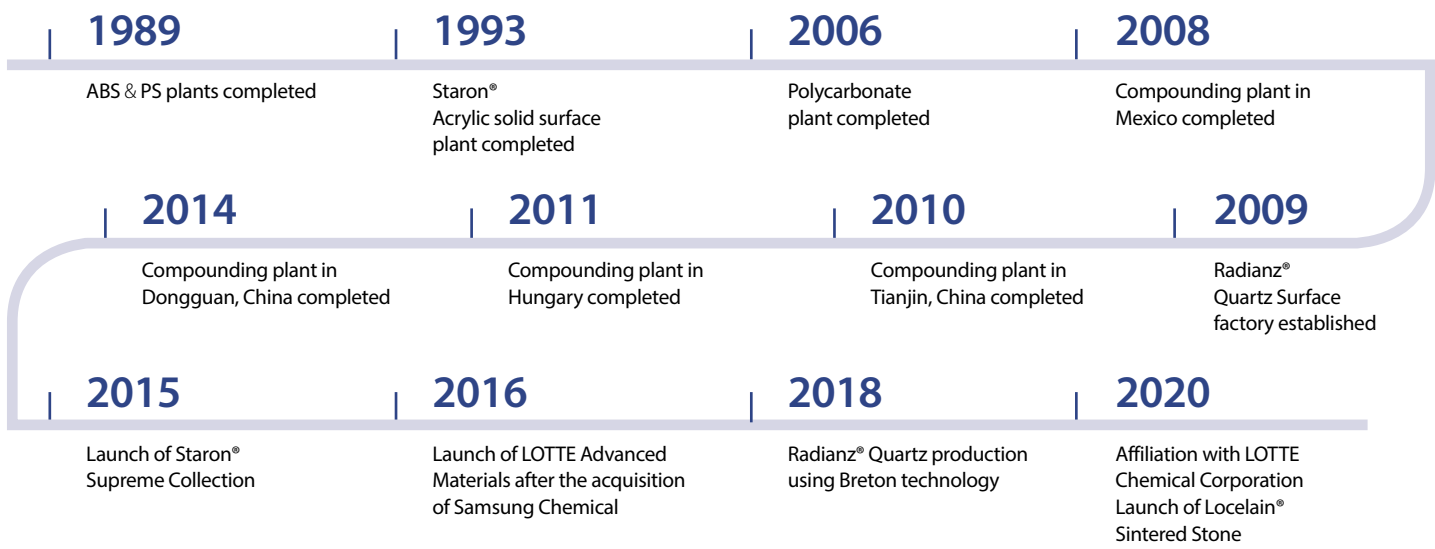
In 1992, the company commenced the manufacture of acrylic solid surface products marketed under the “Staron” brand, followed by the introduction of the Tempest Collection launched in 2006. The Samsung Group further expanded its decorative surfaces portfolio by introducing Radianz® Quartz Surfaces in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

In 2020, LOTTE Advanced Materials has reached a new milestone with its affiliation with LOTTE Chemical Corporation. LOTTE Chemical pursues sustainable growth with outstanding performance in today's surface industry through cutting-edge technology and insight into global market trends.

2020 LOTTE CHEMICAL

LOTTE CHEMICAL built up 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 PC.



staron®
ACRYLIC SOLID SURFACE

Radianz®
NATURAL QUARTZ SURFACE

Locelain™
SINTERED STONE

TOTAL SOLUTION PROVIDER OF
DECORATIVE SURFACES

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

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



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 non-porous, ultra-hygienic and ultimately durable. The Tempest and Supreme collections offer high-transparent gemstone textures and elegant, refined vein patterns like natural marble.



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

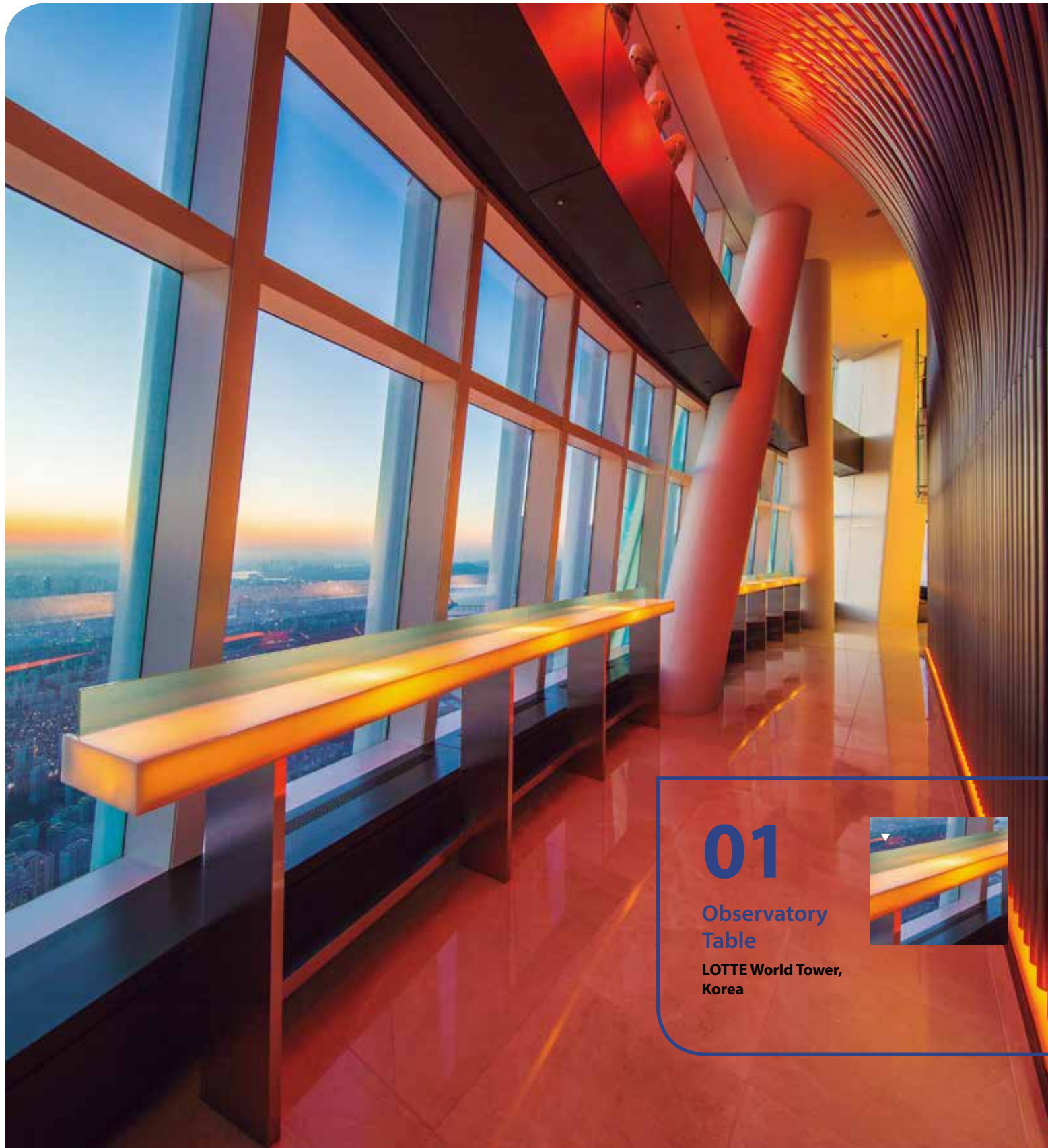


RELIABLE QUALITY

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

COMMERCIAL & PUBLIC SPACES

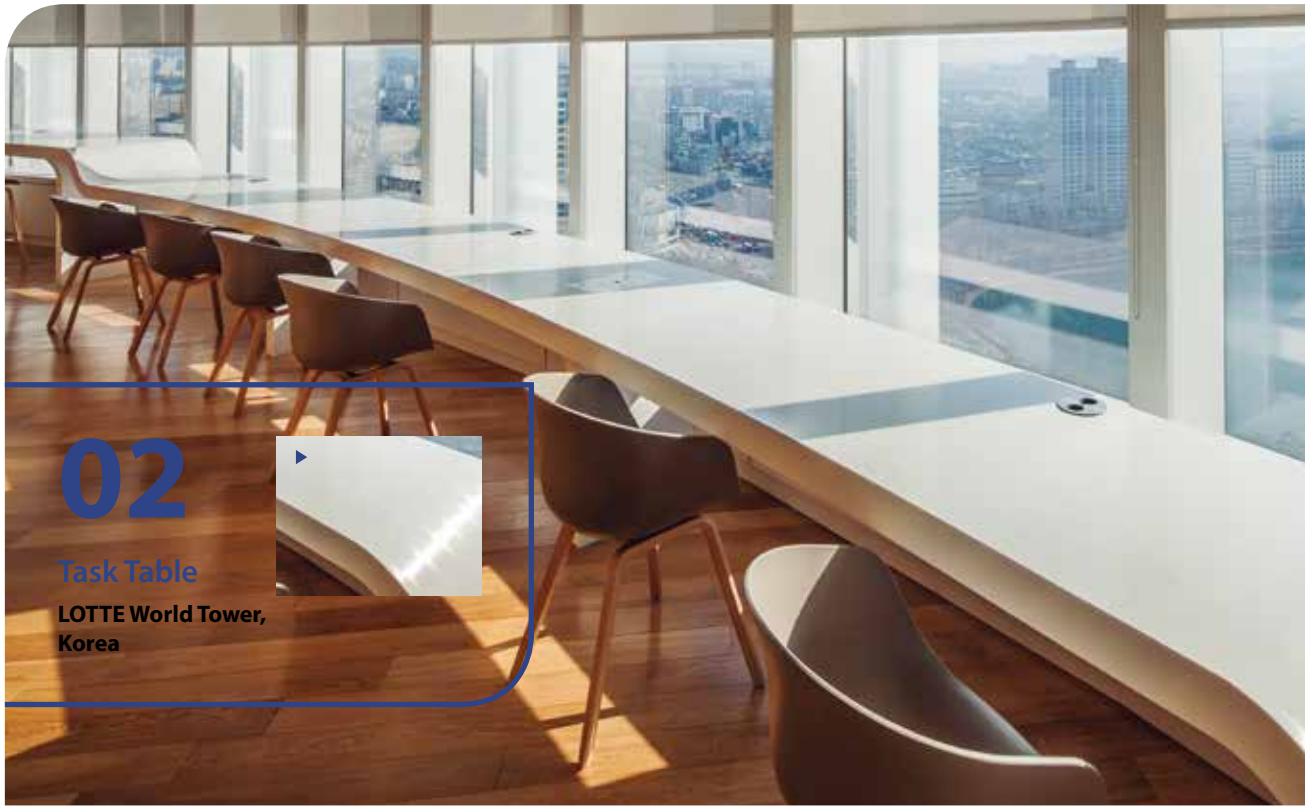
Staron® solid surfaces provide a seamless and ultra-hygienic element to any residential and commercial area. Pure and neutral solid-colors, such as Staron® Bright White, add a modern and contemporary finish to an interior space.



01

Observatory
Table

LOTTE World Tower,
Korea



02

Task Table

LOTTE World Tower,
Korea

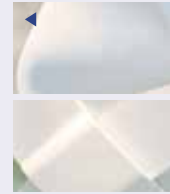


03

Bench

LOTTE World Tower,
Korea





04

**Display
Fixtures**

**Stewart
Weitzman
Shoes Shop,
Greece**



06

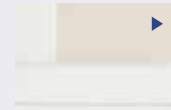
**Media
Facade**

**Kumho
Art Hall,
Korea**



05

**Wall
Cladding**
**Mumbai
Airport Lounge,
India**



07

**Display
Structure
Wall**

**LOTTE
World Tower,
Korea**





08 Reception Desk

New Vienna
University,
Austria

Designed by
Zaha Hadid
Architect



10 Display Standard

Heidi.com Shop,
Switzerland

Designed by
Zaha Hadid
Architect



09 Wall Covering

DDP Sky
lounge,
Korea



11 Exhibition Fixtures

Samsung HR
Development
Center,
Korea



RESIDENTIAL SPACES

Staron® by LOTTE CHEMICAL 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





02

**Kitchen
Countertop**

**Kitchen in the
house A and S,
Germany**

Designed by
Recker Architect
(Holzwerkstatt WINTER)



03

**Kitchen
Island**

**Aarau,
Switzerland**

Designed by
Lammlli Architect



04

**Kitchen
Countertop**

**SUBZERO
Showroom,
Indonesia**



05

**Wall
Cladding &
Table**

**Sheraton
walkerhill,
Korea**





06
Wash Bowl,
Countertop
Oesch Bad,
Switzerland



08
Wash Bowl
K&B
Showroom,
France



07
Bathtub,
Countertop
Oesch Bad,
Switzerland



09
Wash Bowl
Marriott
Renaissance
Hotel
Barcelona,
Spain
Designed by
Jean Nouvel



HEALTHCARE

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.





03

Integral Sinks
Barmherzige
Schwestern Hospital,
Australia



04

Nurses' Station
Rizk Hospital,
Lebanon
Designed by Pierre saadeh



06

Information Desk
King Hamad
Oncology
Center,
Bahrain



05

Nurses' Station
St .Joe's
Healthcare,
USA



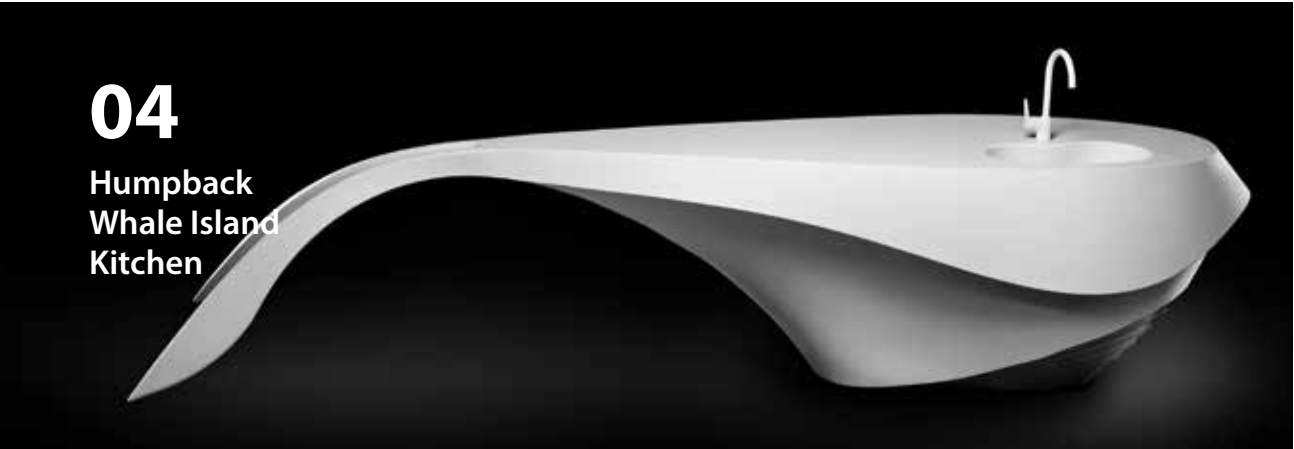
07

Patient's Room Fixture
Samsung Seoul
Atopycenter,
Korea



CREATIVE WORKS

Think beyond your imagination with the colorful assortment of patterns offered by the unique properties of Staron® solid surfaces. With colors ranging from solids to dazzling metallics, Staron® can accommodate a multitude of design options.



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



2. Effortless Beauty Sleek / Neutral / Contemporary



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





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.

Nature’s Art & Movement



01

Kitchen Countertop

Morning Sky
VM114



02

Wash Bowl, Wall Cladding (Shower Booth)

Cotton White
VC110





03
Kitchen Countertop
Ocean View
VO171



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

Noir Concrete
VN180

Tranquil
VT115

Flux
VF113

Terrazzo Venezia
NT150

Ash Concrete
VA129

COLORS OF STARON

SUPREME



Cotton White VC110



Morning Sky VM114



Beige Granite VB172



Urban Grey VU127



Delphi VD111



Tranquil VT115 **NEW**



Ocean View VO171



Cloudbank VC118



Reno VR184



Rainier VR173



Magnolia VM143



Flux VF113 **NEW**



Natural Bridge VN144



Elbert VE111



Dandelion VD175



Dawn VD126



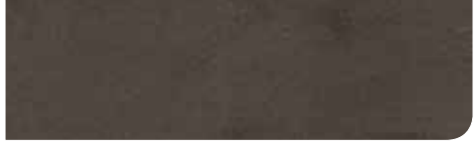
Ash Concrete VA129 **NEW**



Pastoral VP177



Loam VL155



Noir Concrete VN180 **NEW**



Presto VP159

TEMPEST



Peak FP100



Confection FC116



Coconut FC112



Horizon FH114



Bamboo FB173



Shell FS115



Prairie FP142



Rattan FR124



Caraway FC155



Glimmer FG144



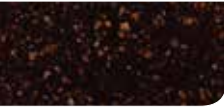
Whippoorwill FW145



Bronzestar FB154



Coffee Bean FC158



Radiance(Shimmer)
FR148

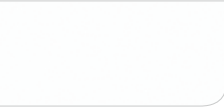


Igneous FI187

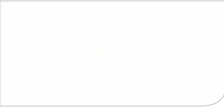
SOLID



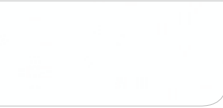
Quasar White SQ019



Bright White BW010



Pure White SP016



Pearl SP011



Ivory SI040



Serene SS023



Sunflower(N) SS042

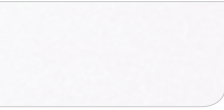


Univers(N) SU053



Onyx ON095

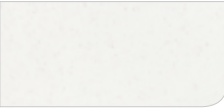
SANDED



Sanded Icicle SI414



Sanded Birch SB412



Sanded Cream SM421



Sanded Linen SL443



Sanded Sahara SS440



Sanded Gold Dust SG441



Sanded Vermillion SV430



Sanded Cornmeal SC433



Sanded Papyrus SP474



Sanded Clay SC475



Sanded Mocha SM453



Sanded Chestnut SC457



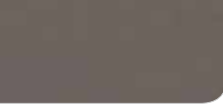
Sanded White Pepper WP410



Sanded Grey SG420



Sanded Tundra ST482



Sanded Taupe ST486

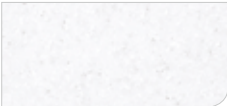


Sanded Meadow SM465

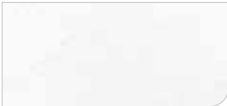


Sanded Onyx SO423

ASPEN



Aspen Snow AS610



Aspen Eggshell AE642



Aspen Lily AL645



Aspen Alder AA625



Aspen Pepper AP640



Aspen Brown AB632



Aspen Cliff AC652

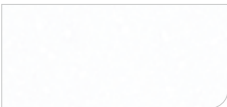


Aspen Concrete AC629



Aspen Pond AP665

PEBBLE



Pebble Frost PF812



Pebble Swan PS813



Pebble Saratoga PS820



Pebble Chiffon PC842



Pebble Gold PG840



Pebble Seastar PS843



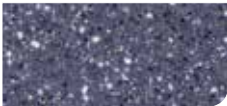
Pebble TeaRose PT845



Pebble Boulder PB852



Pebble Grey PG810



Pebble Blue PB870



Pebble Chocolate PC855

QUARRY



Quarry Oyster TO310



Quarry Ridge QR278



Quarry Minette QM289



Mosaic Dalmatian QD212



Mosaic Nimbus Qn287



Quarry Starred(N) QS288

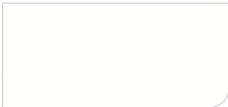
TERRAZZO



Terrazzo Venezia NT150

NEW

METALLIC



Metallic Yukon EY510

Eco-Friendly Materials, Staron

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



- Please consult your local supplier of Staron® for specific recommended care and maintenance practices.
- To view new colors in greater detail, please visit www.staron.com



SINKS & BOWLS

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 non-porous solid surfaces are the most desirable choice for hygienic interior commercial applications. Staron sinks come in three following colors in ten popular models:

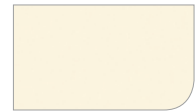
COLOR OPTIONS



Bright White BW010



Pearl SP011



Ivory SI040

MOUNTING OPTIONS

Seam mount

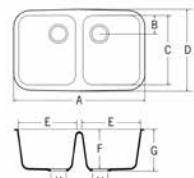
Under mount

Angled mount



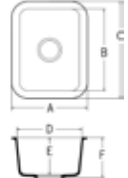
LAVATORY SINKS / BASINS

A2311



A 31.25in (794mm)
B 4.33in (110mm)
C 16.57in (421mm)
D 18.93in (481mm)
E 13.70in (348mm)
F 9.25in (235mm)
G 9.84in (250mm)
H 3.54in (90mm)

A1121



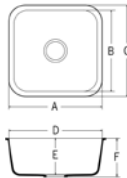
A 12.83in (326mm)
B 14.01in (356mm)
C 16.37in (416mm)
D 10.47in (266mm)
E 6.49in (165mm)
F 7.08in (180mm)
H 3.54in (90mm)

A1231



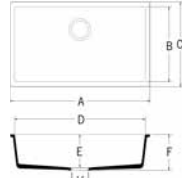
A 23.30in (592mm)
B 16.61in (422mm)
C 18.97in (482mm)
D 20.94in (532mm)
E 7.36in (187mm)
F 7.95in (202mm)
H 3.54in (90mm)

A1181



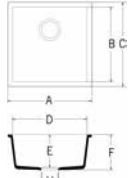
A 18.11in (460mm)
B 15.75in (400mm)
C 18.11in (460mm)
D 15.75in (400mm)
E 8.18in (208mm)
F 8.85in (225mm)
H 3.54in (90mm)

B3290



A 29.52in (750mm)
B 15.75in (400mm)
C 17.64in (450mm)
D 27.48in (700mm)
E 7.28in (185mm)
F 7.87in (200mm)
H 3.54in (90mm)

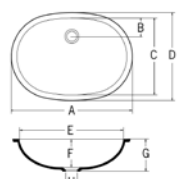
B3180



A 17.67in (450mm)
B 15.75in (400mm)
C 17.67in (450mm)
D 15.75in (400mm)
E 6.89in (175mm)
F 7.48in (190mm)
H 3.54in (90mm)

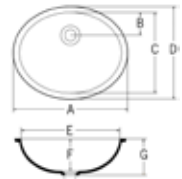
KITCHEN / UTILITY SINKS

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)
H 1.77in (45mm)

A3181



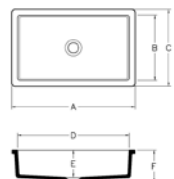
A 18.18in (462mm)
B 3.70in (94mm)
C 13.22in (336mm)
D 14.80in (376mm)
E 16.61in (422mm)
F 5.47in (139mm)
G 6.14in (156mm)
H 1.77in (45mm)

B3150



A 16.81in (427mm)
B 10.94in (278mm)
C 12.87in (327mm)
D 14.88in (378mm)
E 4.57in (116mm)
F 5.43in (138mm)
H 1.77in (45mm)

B3190



A 20.63in (524mm)
B 10.98in (279mm)
C 12.87in (327mm)
D 18.66in (474mm)
E 4.57in (116mm)
F 5.43in (138mm)
H 1.77in (45mm)

PERFORMANCE PROPERTIES

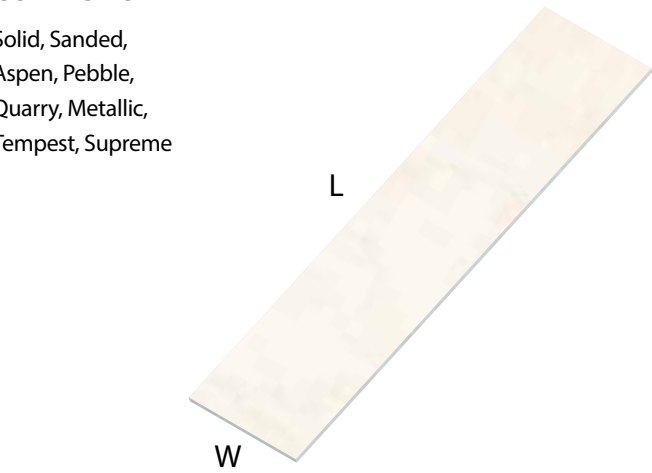
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PROPERTY	TEST RESULT	TEST PROCEDURE
Tensile strength	6,000 psi	ASTM D 638
Tensile modulus	600,000 psi	ASTM D 638
Flexural strength	10,000 psi	ASTM D 790
Flexural modulus	1,000,000 psi	ASTM D 790
Elongation	0.5%	ASTM D 638
Hardness	92 Rockwell “M” Scale 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 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

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 wider widths is available. Widths of 1350mm and 930mm with the thickness of 6mm, 9mm and 12mm are available.
- Panel thicknesses of 9mm and 19mm available on request.
- 6mm 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

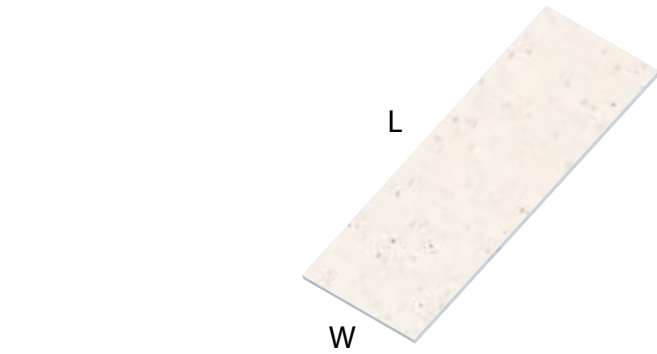
The 10-year warranty applies to Staron, Tempest and Supreme Collection products that have been installed in an interior, commercial-use or residential application. For more details, please consult with your Staron products distributor, or visit www.staron.com

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COLLECTION

Solid, Sanded,
Aspen, Metallic



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