

staron®

Solid Surfaces



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,
A creator of
high-quality materials
and refined sensibilities.

2019 LOTTE ADVANCED MATERIALS

LOTTE ADVANCED MATERIALS 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.

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

N0.2

N0.5

IN KOREA

IN THE WORLD

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

PC

N0.1

N0.5

IN KOREA

IN THE WORLD

staron® ACRYLIC SOLID SURFACE	<i>Radianz®</i> NATURAL QUARTZ SURFACE[Engineered Stone]
SURFACE MATERIALS	
N0.1 IN KOREA	N0.3 IN THE WORLD



STRETCH YOUR IMAGINATION TO EXPERIENCE THE POSSIBILITIES WITH STARON.

WHY STARON ?

Staron solid surfaces boast dimensional flexibility and low maintenance that ascertain its durability for a multitude of interior applications. Comprised of a wide range of designs and shades with its non-porous and hygienic textures, Staron includes the Tempest collection with high transparency properties and the Supreme with elegant and refined patterns.



RELIABLE PERFORMANCE

- Cutting-edge technology that sets a new standard for interior applications
- Easily repaired due to the homogenous structure



HYGIENIC SURFACE

- Non-porous surface that prevents growth of bacteria
- Resistant to heat and scratches
- Easy to maintain



DIMENSIONAL FLEXIBILITY

- Can be thermoformed into three dimensional fixtures
- Excellent workability that creates various designs



INFINITE RANGE OF COLORS

- Over 150 colors from natural to vivid palette tones featuring our collections: Tempest and Supreme
- Ongoing collaboration with color trend experts that keeps Staron on top of recent color trends and designs



IMPERCEPTIBLE SEAMS

- Consistent color and texture on every sheet that provides smooth and seamless surface



INTERIOR LUMINANCE

- 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 global distribution networks in various countries



EXCELLENT QUALITY

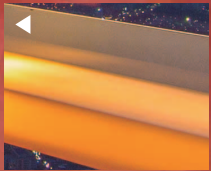
- High quality control policy and a commercial 10-year warranty
- Certified eco-friendly by Greenguard and Scientific Certification System

COMMERCIAL & PUBLIC SPACES

Make an impression with stylish interior design
Innovative design meets inspiring ideas
Smooth and seamless surface achieve the detail



01
Observatory Table
LOTTE World
Tower, Korea



02
Task Table
LOTTE World
Tower, Korea



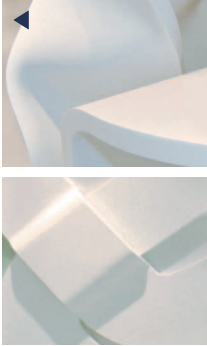
03
Bench
LOTTE World
Tower, Korea





04

Display Fixture
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

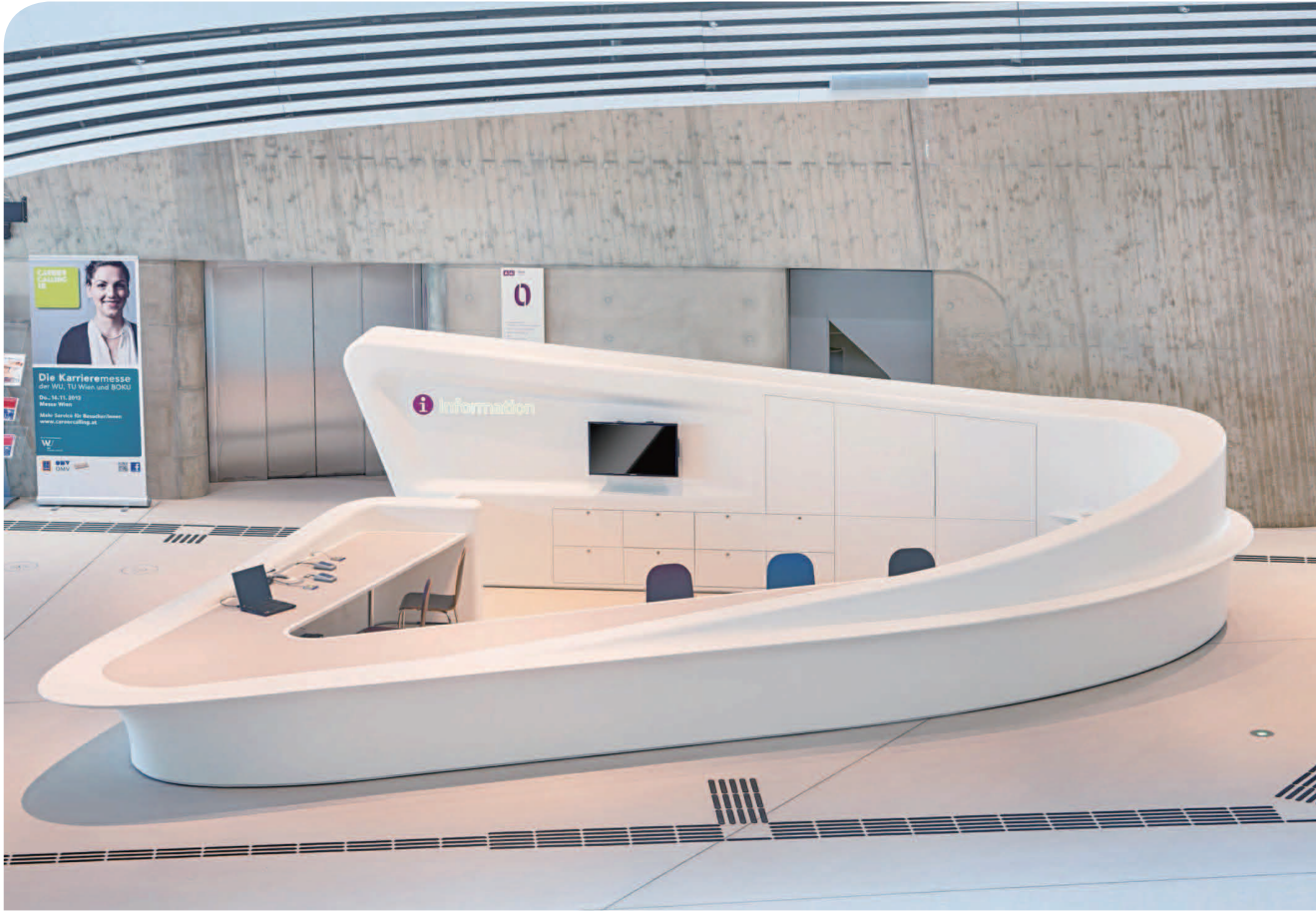


08

Information
Counter

Library & Learning
Centre, Austria

Designed by
Zaha Hadid



10

Display Fixture

Heidi.com Shop,
Switzerland

Designed by
Zaha Hadid



09

Counter

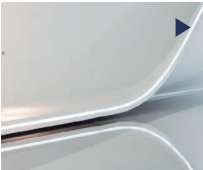
London Heathrow
Airport, UK



11

Exhibition Hall

Samsung HR
Development
Center, Korea



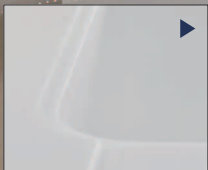
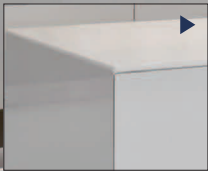
RESIDENTIAL SPACES

Achieve elegance of the focal points of residential spaces
Beautiful color and patterns for various design choices
Hygienic material that is easy to restore and maintain



01

Kitchen
Countertop
Interior Furniture,
Australia
Designed by
Darren James



03

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



05

Kitchen
Countertop
SUBZERO
Showroom,
Indonesia



04

Kitchen Island
Aarau,
Switzerland
Designed by
Lammli
Architecture



06

Wall Cladding &
Table
Sheraton
walkerhill,
Korea



07

Wash Bowl,
Countertop
Oesch Bad,
Switzerland



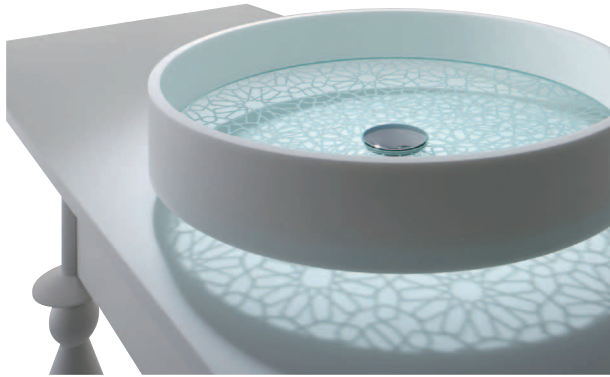
09

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



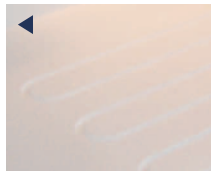
01
Wall Cladding &
Furniture
Dental Hygiene
School,
Switzerland
Designed by
Bern Smile



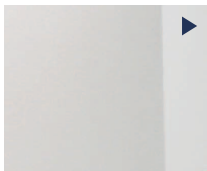
Non-porous surface material
Provides the highest material standard by limiting bacterial growth
Maintain spaces hygienic yet modern and sophisticated



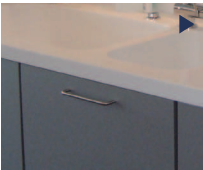
03
Countertop
HUG University
Hospital of Geneva,
Switzerland



02
Wall Cladding
Operating Room
Erlangen Hospital,
Germany



04
Countertop
HUG University
Hospital of Geneva,
Switzerland





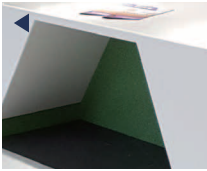
05
Countertop
Hopital Prive De
L'ouest Parisien,
France



06
Integral Sinks
Barmherzige
Schwestern
Hospital, Austria



08
Information Desk
King Hamad
Oncology Center,
Bahrain



07
Nurses' Station
St .Joe's
Healthcare,
USA



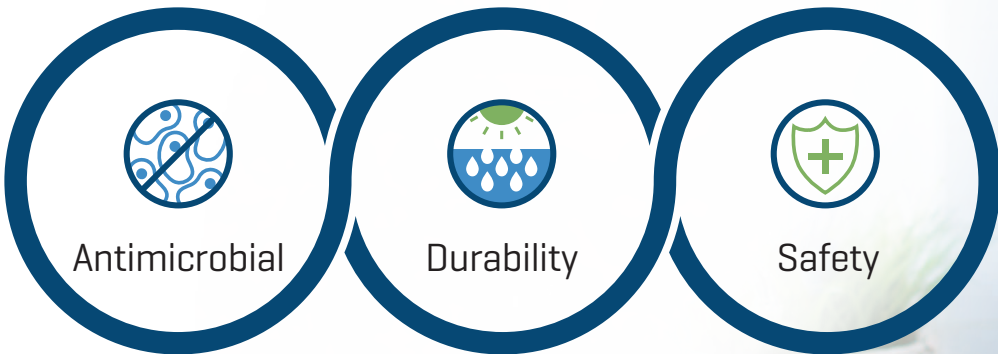
09
Patient's Room
Fixture
Samsung Seoul
Atopycenter,
Korea



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.

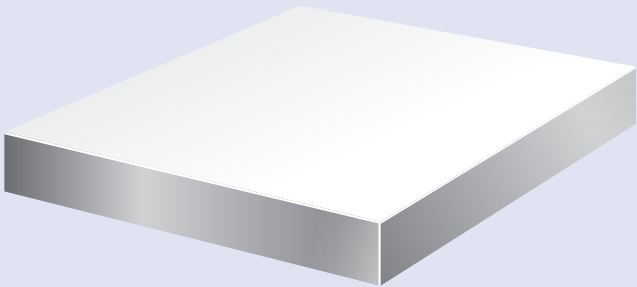
Benefit of evermoin®



Speedy antibacterial effect and action on representative bacteria and fungi

Excellent antimicrobial retention and Confirm quality stability and durability

Material certification harmless to human body and environment [NSF, FDA]



NEW

Product information

Ultra Bright MU010

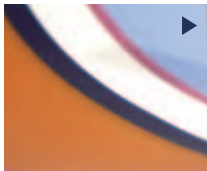
Dimension :
L.3680 x W.760 x 12T [mm]
L.2500 x W.760 x 6T [mm]



CREATIVE WORKS

01

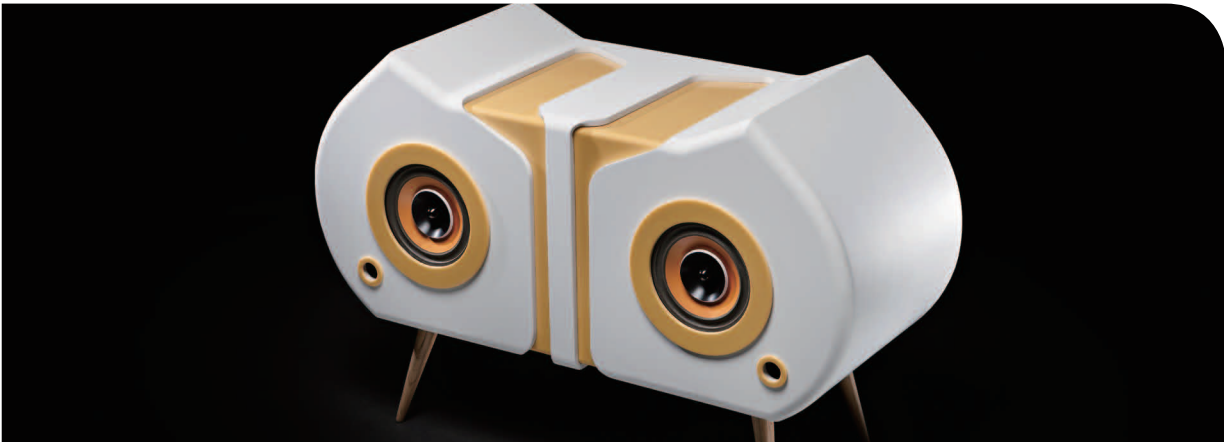
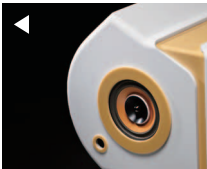
Art-work
Designed by
Markus Benesch,
Germany



Color range that is not limited by the times
Artwork material that is elaborate but durable
Design that is not limited by specific forms

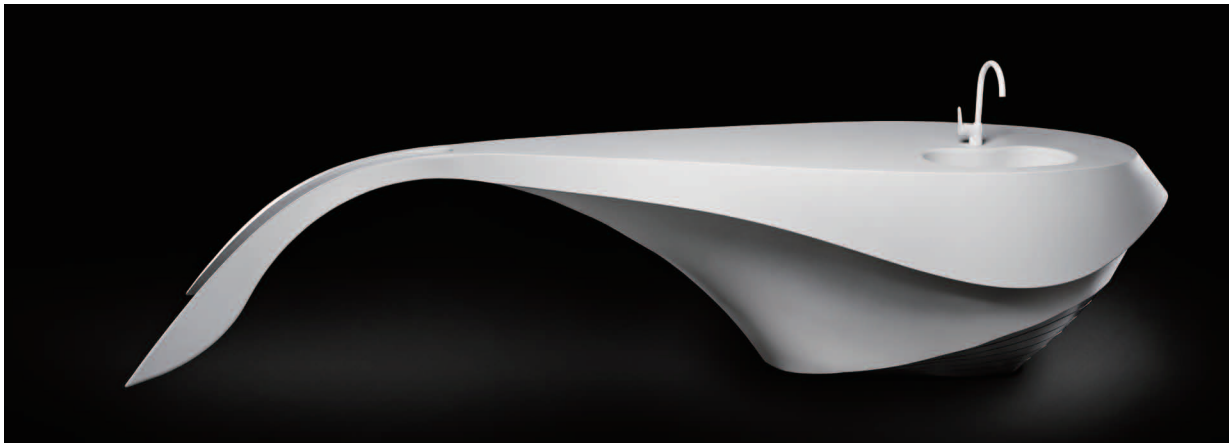
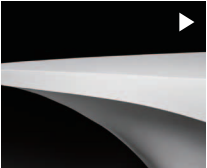
03

Owl Speaker



04

Humpback
Whale Island
Kitchen



02

Odyssey Desk
Designed by
Massive Design,
Poland



05

Zebra Table



06

Zebra Sofa



Supreme™

THE SUPREME COLLECTION

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

Nature's Art & Movement

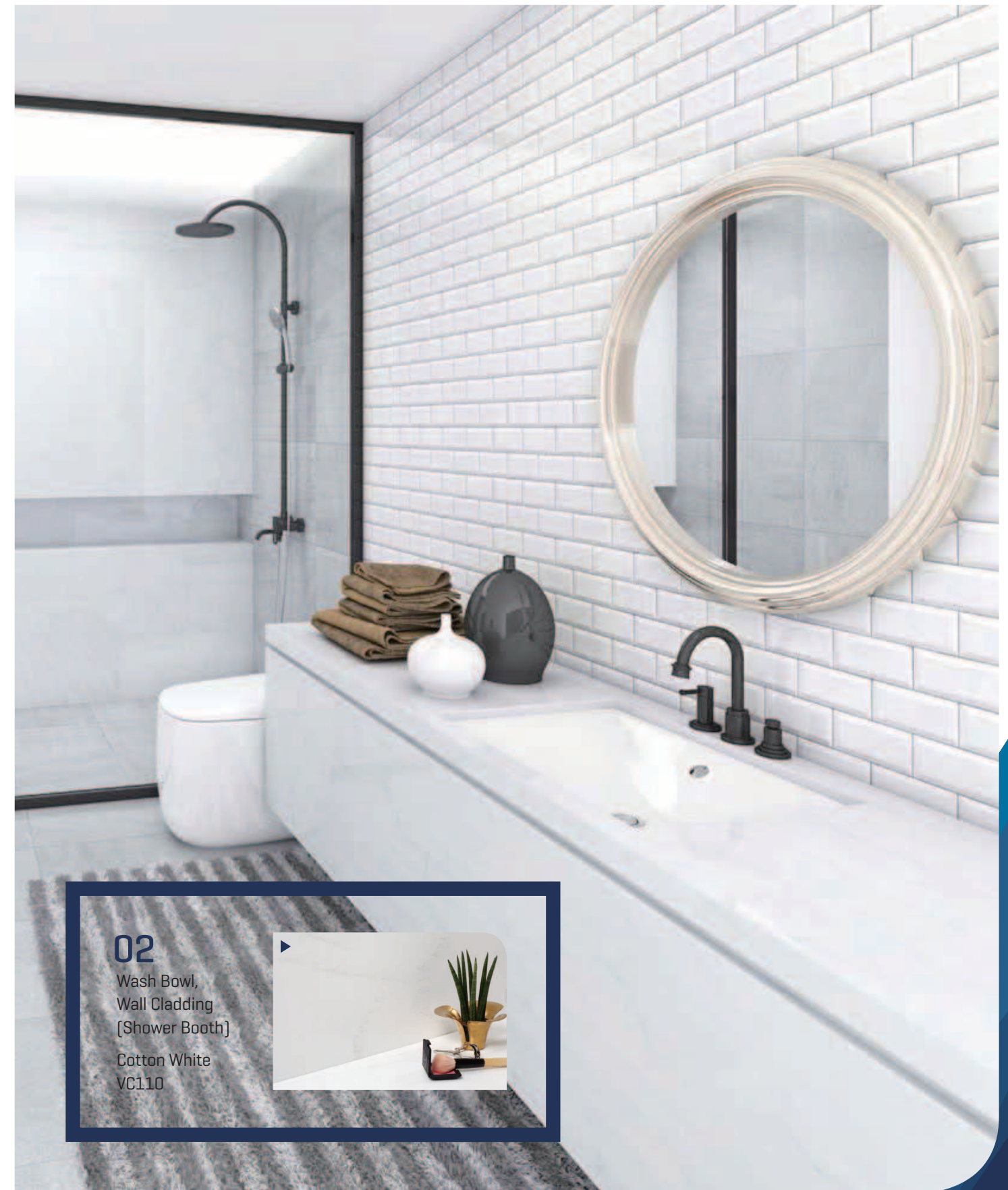
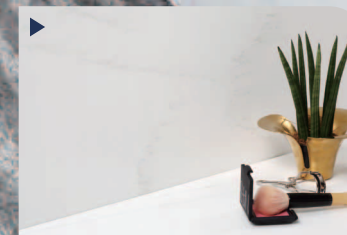
01

Kitchen
Countertop
Morning Sky
VM114



02

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



03

Kitchen
Countertop
Ocean View
V0171



04

Information Desk
Cloudbank
VC118



06

Information Desk
Magnolia
VM143



05

Kitchen
Countertop
Dandelion
VD175



07

Kitchen
Countertop
Pastoral
VP177



08

Kitchen
Countertop
Urban Grey
VU127



NEW COLORS

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

**Aspen
Iceberg**
AI612

**Sanded
Mint**
SM463

**Tempest
Bamboo**
FB173

**Sanded
Iceblue**
SI462

**Aspen
Eggshell**
AE642

**Metallic
Sleeksilver (N)**
ES581

**Tempest
Mystic**
FM178

**Supreme
Concerto**
VC157

**Supreme
Reno**
VR184

**Supreme
Odyssey**
VO173


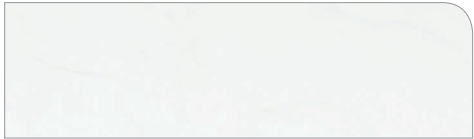


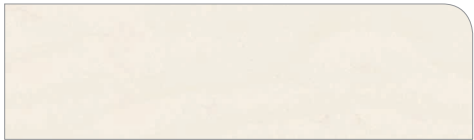

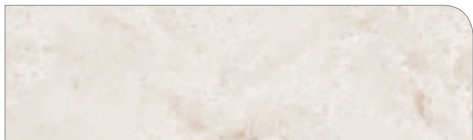
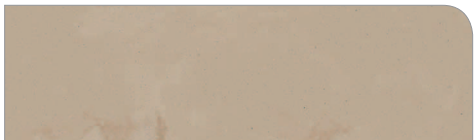

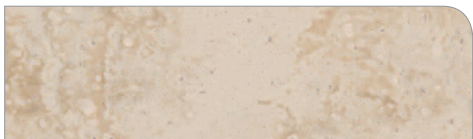
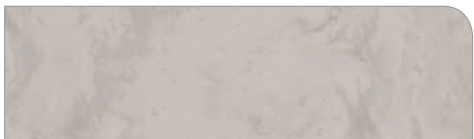
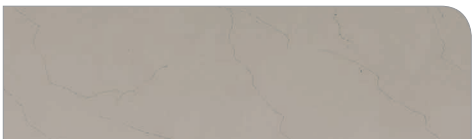
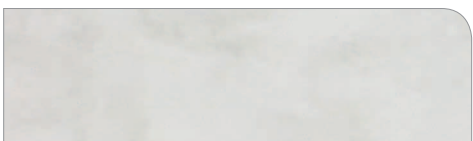




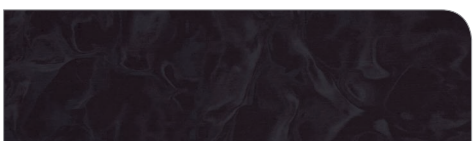
**evermoin®
Ultra Bright**
MU010

**Supreme
Desert Wind**
VD173

• Printed representation of colors may vary from actual samples.

COLORS OF STARON


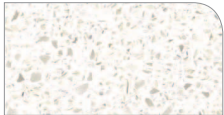
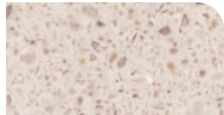
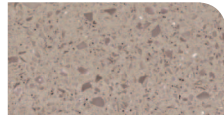


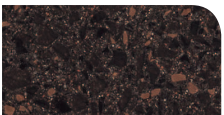
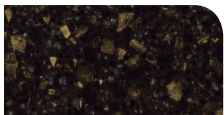
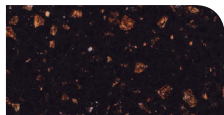
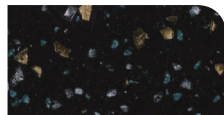
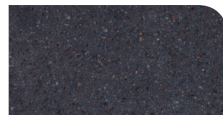
SUPREME

		
Morning Sky VM114	Cotton White VC110	Delphi VD111
		
Cloudbank VC118	Beige Granite VB172	Magnolia VM143
		
Ocean View V0171	Pastoral VP177	Natural Bridge VN144
		
Dandelion VD175	Dawn VD126	Urban Grey VU127
		
Reno VR184	Odyssey V0173	Concerto VC157
		
Desert Wind VD173	Loam VL155	Presto VP159


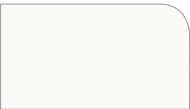
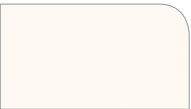
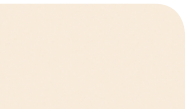


STARON EVERMOIN


Ultra Bright MU010









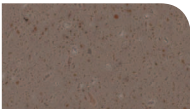

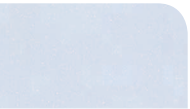
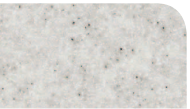
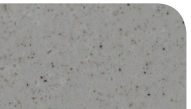
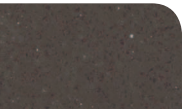
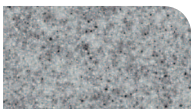
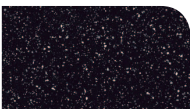
TEMPEST

					
Peak FP100	Meteor FM111	Bamboo FB173	Mystic FM178	Genesis FG174	Blaze FB147
					
Coffee Bean FC158	Gold Leaf FG196	Radiance[Shimmer] FR148	Dazzle FD191	Igneous FI187	

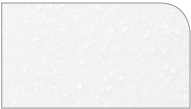
SOLID

						
Quasar White SQ019	Dazzling White SD001	Pure white SP016	Bright White BW010	Pearl SP011	Natural SV041	Ivory SI040
						
Celadon SC010	Cool Mint SC063	Placid SP062	Mist SM022	Fog SF020	Serene SS023	Sunflower[N] SS042
						
Oasis S0064	California Poppy[N] SC052	Univers[N] SU053	Bliss SB022	Steel ST023	Iris SI056	Onyx ON095


SANDED

						
Sanded Icicle SI414	Sanded Birch SB412	Sanded Cream SM421	Sanded Cornmeal SC433	Sanded Sahara SS440	Sanded Gold Dust SG441	Sanded Papyrus SP474
						
Sanded Vermillion SV430	Sanded Clay SC475	Sanded Mint SM463	Sanded Iceblue SI462	Sanded White Pepper WP410	Sanded Heron SH428	Sanded Chestnut SC457
						
Sanded Grey SG420	Sanded Onyx SO423					


ASPEN




Aspen Glacier
AG612




Aspen Eggshell **NEW**
AE642




Aspen Snow
AS610



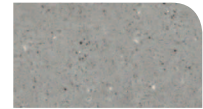
Aspen Alder
AA625




Aspen Glow
AG636



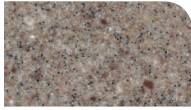
Aspen Fiesta
AF611



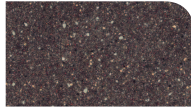
Aspen Concrete
AC629



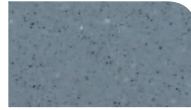
Aspen Iceberg **NEW**
AI612



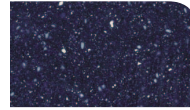
Aspen Brown
AB632



Aspen Mine
AM633




Aspen Pond
AP665




Aspen Sky
AS670

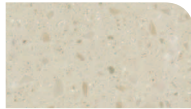
PEBBLE



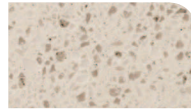
Pebble Swan
PS813



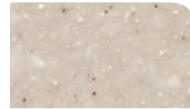
Pebble Frost
PF812



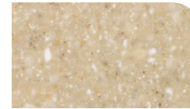
Pebble Flan
PF870



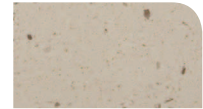
Pebble Fresco
PF844



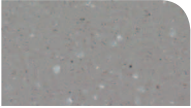
Pebble Saratoga
PS820



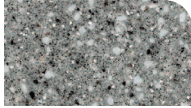
Pebble Gold
PG840



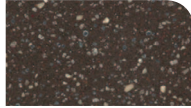
Pebble Chiffon
PC842



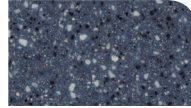
Pebble Boulder
PB852



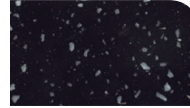
Pebble Grey
PG810



Pebble Terrain
PT857

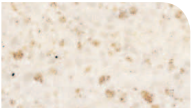


Pebble Blue
PB870




Pebble Ebony
PE814

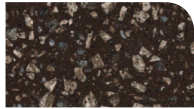
QUARRY



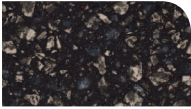
Quarry Oyster
TO310



Quarry Ridge
QR278



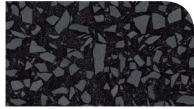
Earthen Bark
QL257



Earthen Stratum
QL287

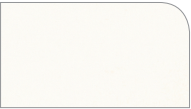


Quarry Starred
QS287




Quarry Minette
QM289


METALLIC




Metallic Yukon
EY510



Metallic Beach
EB545



Metallic Sleeksilver[N]
ES581 **NEW**



Metallic Galaxy
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

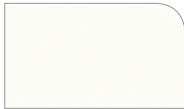
ADA Compliant

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:

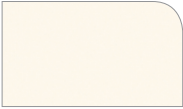
COLOR OPTIONS




Quasar White SQ019



Bright White BW010



Pearl SP011

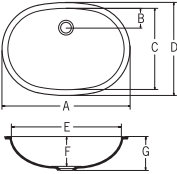


Ivory SI040



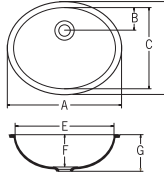
LAVATORY SINKS / BASINS

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]

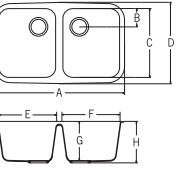
A3181



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]

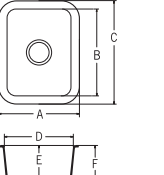
KITCHEN / UTILITY SINKS

A2311



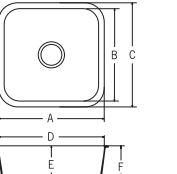
A 31-1/4" [794mm]
B 4-15/16" [110mm]
C 16-9/16" [421mm]
D 18-15/16" [481mm]
E 13-11/16" [348mm]
F 13-11/16" [348mm]
G 9-1/4" [235mm]
H 9-13/16" [250mm]

A1121



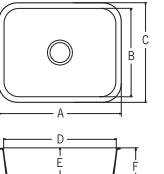
A 12-13/16" [326mm]
B 14" [356mm]
C 16-3/8" [416mm]
D 10-3/8" [266mm]
E 6-1/2" [165mm]
F 7-1/16" [180mm]

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]

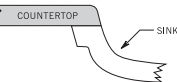
A1231



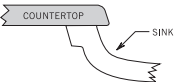
A 23-5/16" [592mm]
B 16-5/8" [422mm]
C 19" [482mm]
D 20-15/16" [532mm]
E 7-3/8" [187mm]
F 7-15/16" [202mm]

MOUNTING OPTIONS

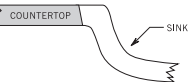
Seam mount



Under mount



Angled mount



PERFORMANCE PROPERTIES

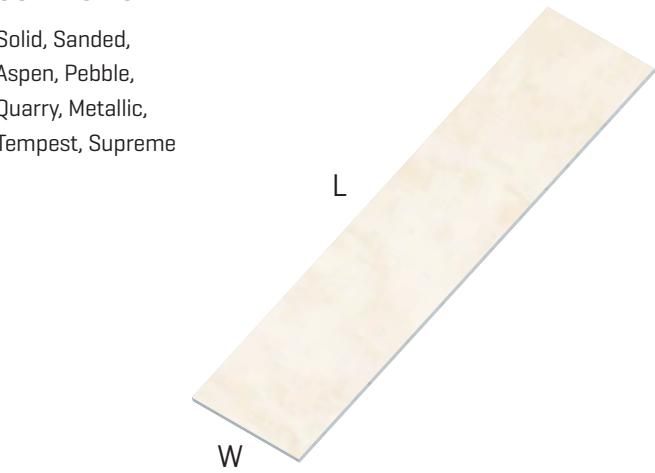
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PROPERTY	TEST RESULT	TEST PROCEDURE
Tensile strength	6,000 psi	ASTM D 638
Tensile modulus	600,000 psi	ASTM D 638
Flexural strength	10,000 psi	ASTM D 790
Flexural modulus	1,000,000 psi	ASTM D 790
Elongation	0.5%	ASTM D 638
Hardness	92 Rockwell “M” Scale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

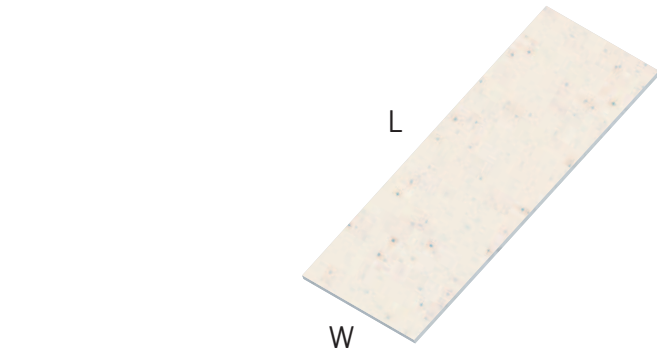


THICKNESS	WIDTH	LENGTH
mm	mm	mm
12 [1/2”]	760 [30”]	3,680 [145”]

- 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.

COLLECTION

Solid, Sanded,
Aspen



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

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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