

# STARON<sup>®</sup>

Solid Surface

## LOTTE ADVANCED MATERAILS



Cotton White VC110



Dawn AD126



Imported & distributed by  
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# 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.

## 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.



### 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



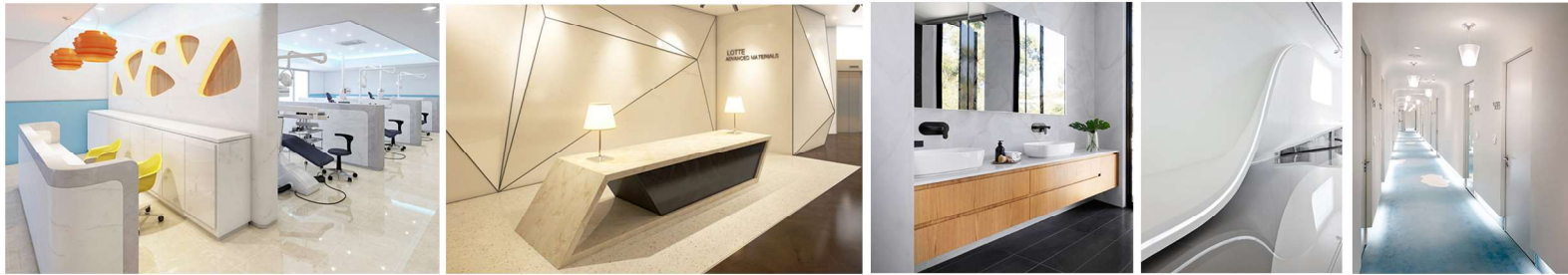
### GLOBAL NETWORK

- 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



### ข้อมูลเฉพาะ (Specification)

Category	Acrylic Solid Surface
ประเภท	หินสังเคราะห์อคริลิก
Slab	W0.76m.xL3.68m.
ขนาดแผ่น	0.76x3.68 ม. (กว้างยาว)
Thickness	12 mm.
ความหนา	12 มม.
Qualification	- Fire Resistant ไม่ลามไฟ
คุณสมบัติ	- Chemical Resistant ทนสารเคมี
	- Non Spongy ไม่มีรูพรุน ไม่ซึมน้ำ
	- Non Bacterial / Fungus ปราศจากเชื้อรา แบคทีเรีย
	- Seamless ไร้รอยต่อ
	- Clean สะอาด



COLOURS OF STARON

**Solid**



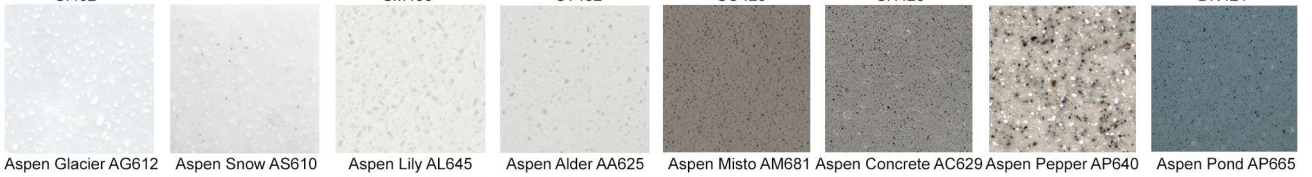
**Metallic**



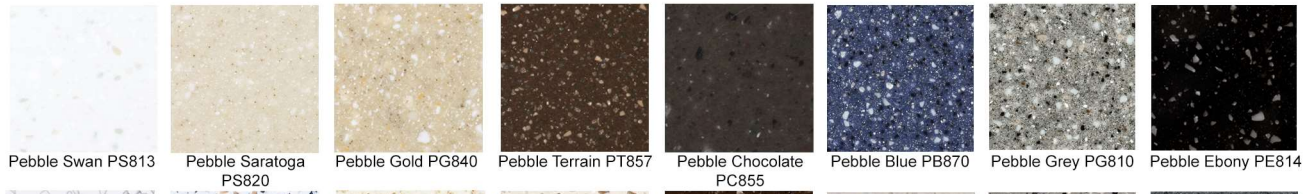
**Sanded**



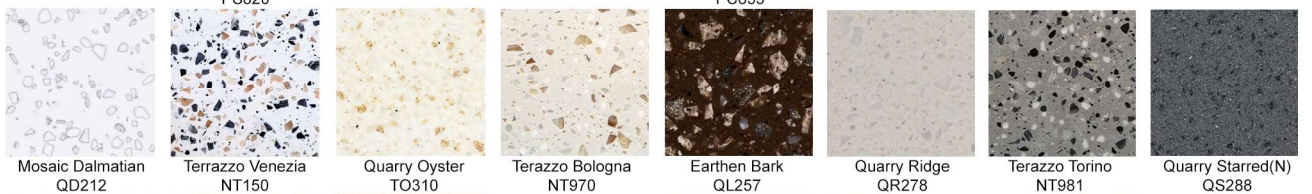
**Aspen**



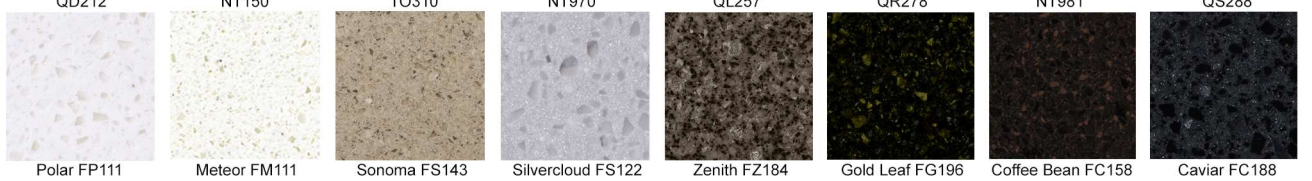
**Pebble**



**Quarry**



**Tempest**



**Supreme**



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	0.50%	ASTM D 638
Hardness	92 Rockwell "M" Scale	ASTM D 785
	65 Barcol Impressor	ASTM D 2583
Thermal expansion	$2.0 \times 10^{-5}$ in/in F°	ASTM D 696
Gloss (60 Gardner)	Between 5-20	NEMA LD-3
Color stability	No change-200hrs	NEMA LD-3
Stain resistance	Pass	ANSI Z 124
	Rating 41	
Abrasion resistance	Pass	ANSI Z 124
Boiling water surface resistance	No effect	NEMA LD-3
High temperature resistance	No effect	NEMA LD-3
IZOD impact resistance (notched)	0.28 ft.lbf/in	ASTM D 256
Ball drop 1/2" (12.3 mm) sheet	144" w/ 1/2 lb ball, No failure	NEMA LD-3
Fungi and bacterial resistance	No growth	ASTM G 21, G22
Specific gravity		
Solid colors	1.72	ASTM D 792
Patteredned colors	1.69	
Water absorption	0.04%, (1/2", 24hrs)	ASTM D 570
	0.11%, (1/8", 24hrs)	
Flammability	Class A / Class 1	UBC 8-1
Flame spread	10	ASTM E 84
Smoke density	10	ASTM E 84
Radiant heat resistance	No visual effect	NEMA LD-3
Toxicity	84.4g (Solid Color)	Pittsburgh Test Protocol (LC50 Test)
	81.8g (Patterned Color)	

## Certification

Staron® a brand recognized for top quality and technology

- NSF 51 for Food Zone Sanitation Certification
- GREENGUARD Eco-certification
- HB Eco-Certification
- ASTM E84 Certification
- ISO 9001 System Certification
- ISO 14001 System Certification
- NAHB for Sinks and Lavatories Certification
- IAPMO for Sinks and Lavatories Certification
- CSA for Sinks and Lavatories Certification

## 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 product distributor, or visit [www.staron.com](http://www.staron.com)

