



SAMSUNG SDI

Office & Workspace

Architectural Manual

staron[®]
Solid Surfaces



Kantonal Bank in Switzerland

You can find Staron around the world.



Strict quality control

Samsung SDI Chemical has strict quality control standards in order to supply superior products. We will present Staron's consistent properties and satisfy you with a stable quality.

Non-porous highly hygienic material

Unlike natural stone surfaces, Staron is non-porous and impervious to moisture, making them highly resistant to bacterial growth. Most pollutants can be easily removed from the surface with soap and water.

Excellent durability

Staron materials exceed natural translucent stone with its warm, soft textures elevating any interior design of the highest quality. Upgrade your interiors with any imaginable design idea that can be expressed by the myriad of colors and patterns.

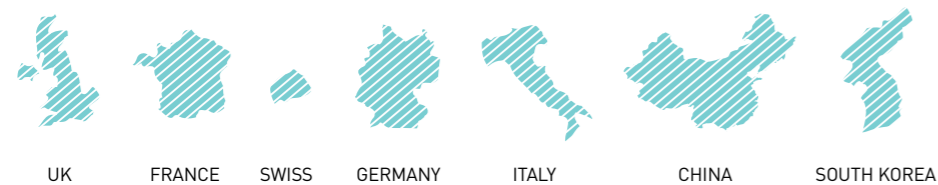
Excellent workability and implementation of various designs

Staron is extremely durable but also can be easily handled by using wood working tools and thermo processes to create various cuts and shapes. In addition, with the use of adhesives, seamless joints can be created. It also works harmoniously with other materials such as wood and metals and offer endless possibilities.

STARON, AND MEET THE WORLD

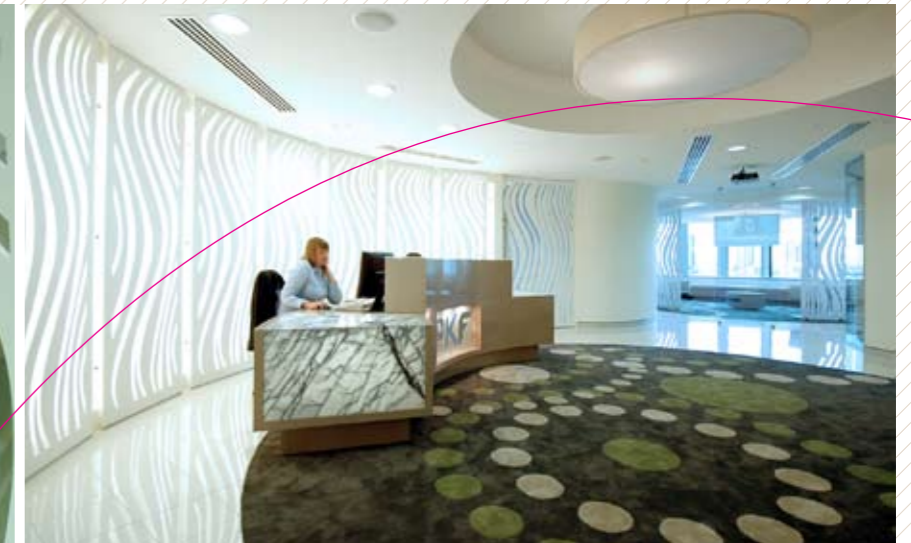
You can find Staron around the world.

Staron's superior product quality, ease of material handling, and variety of color choices makes the application of the product relevant in offices and public institutions around the world. Staron solid surface is a world class brand that is recognized around the world.





PKF Office in Switzerland



Raiffeisen Bank in Switzerland

OFFICE

Refined interiors styled with solid surface - Staron

Many offices and public facilities are focused on creating business efficiencies and improving the environment by reducing stress in the work place. We help you accomplish this through our superior processing power and providing interior design material that improves the quality of life of workers.





Nzz Shop in Switzerland



Iamlli Architektur Office in Switzerland



Sbb Office in Switzerland



Evansville Office in U.S.A

Staron, offering the best office interior

Staron strives to exceed quality expectations of any design concept. Whether you are designing a modern, classic or unique concept, the Staron material is well suited for any interior décor. In addition, the smooth surfaces, clean edges, variety of colors range, and durable properties of the material will complete the expression of a designer's sensitivity.





Seoul Metropolitan Government in Korea

Design by Peter Carman, Dakota Design, Australia

Staron, transforming the shape of an office space

Staron helps you freely create various forms of an interior.

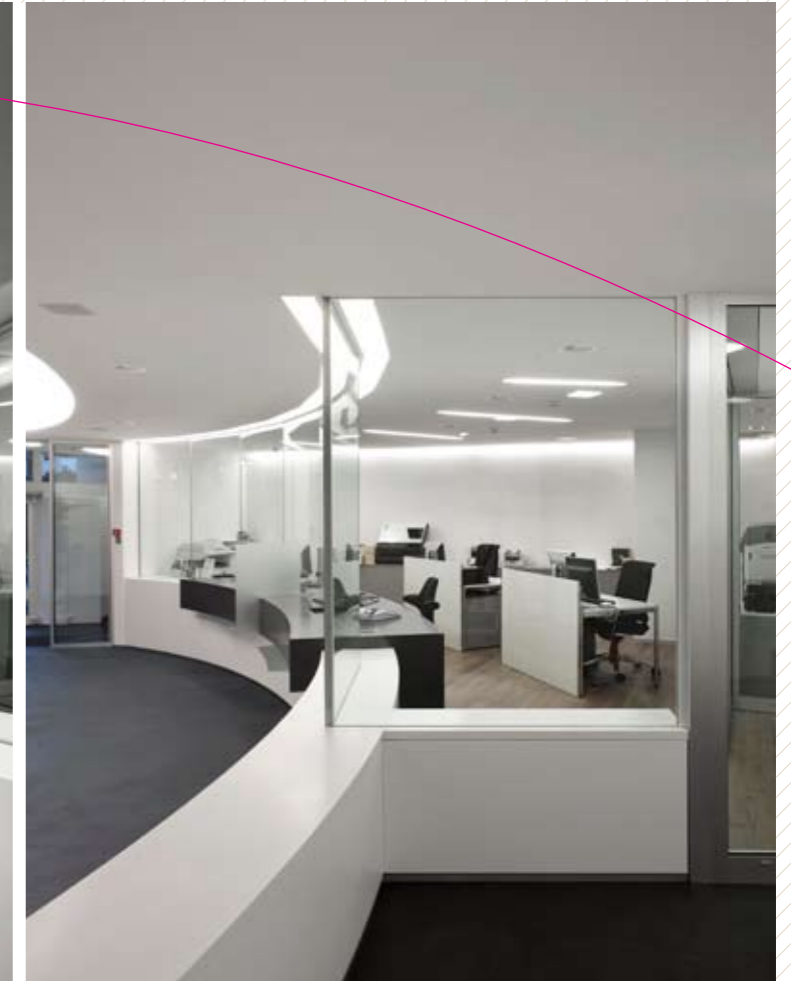
Staron can easily accommodate a designer's vision as an acrylic solid surface. Smooth surface treatments can be utilized as furniture as well as an interior wall without much difficulty. A wide range of beautiful new office environments can be created with ease.

The possibilities of thermoformed surfaces

Pattern	Thickness(mm)	Min. Inside radius(R)
Solid, Sanded	6mm	25mm
	12mm	76mm
Aspen, Pebble	6mm	102mm
	12mm	127mm
Quarry, Metallic	12mm	203mm



Olympia Stadion in Germany



Kantonal Bank in Switzerland

Eco-friendly Staron, work in a comfortable and safe environment.

Staron has been tested for various certifications. Staron is accredited with Greenguard and certified to be low-emitting material that leads to better air quality indoors. Staron also received Scientific Certification Systems (SCS) certification for environmental management systems and other operations.

We are committed to not only environmentally friendly products but also promoting good health in our lives.

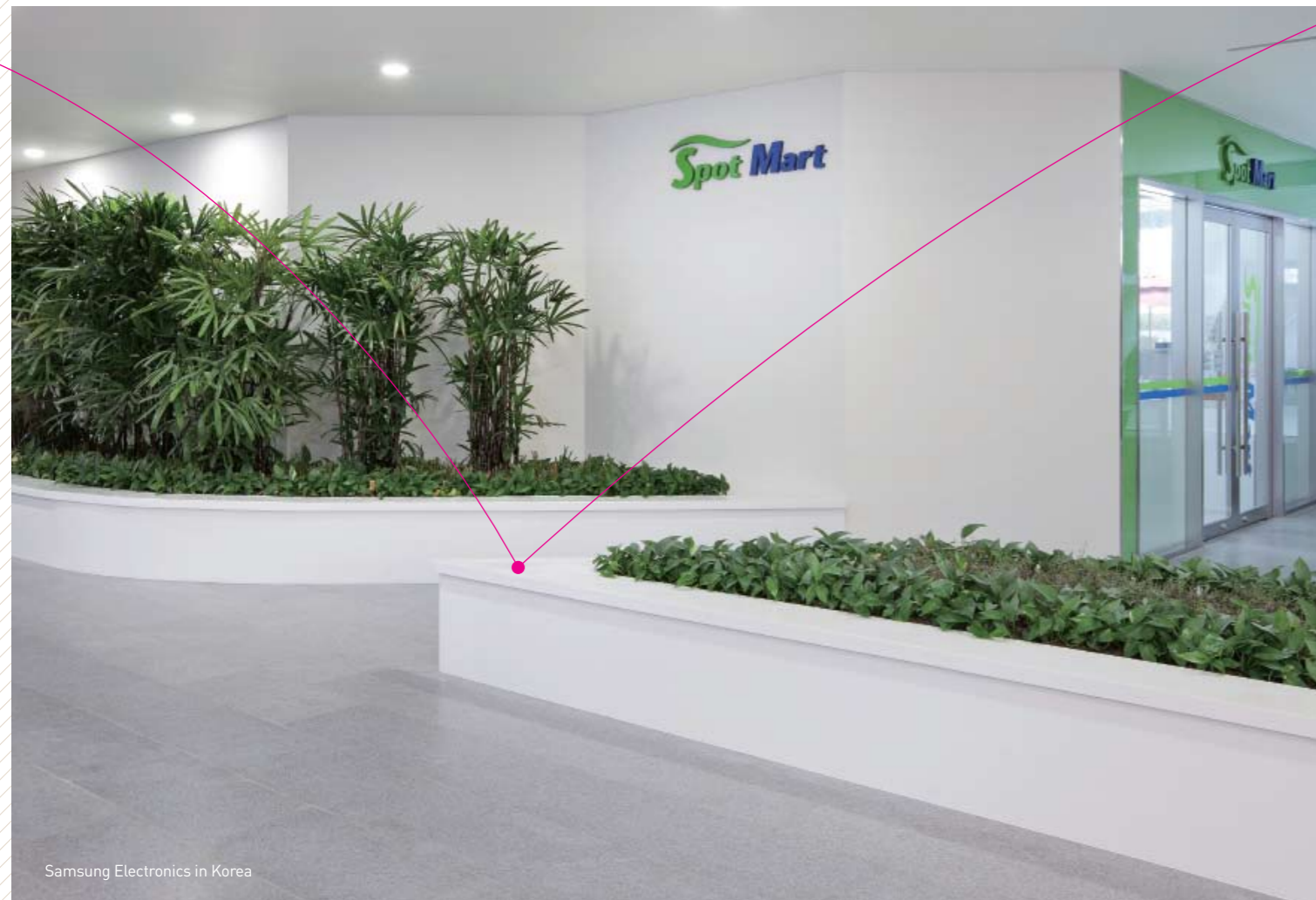
Staron, a brand recognized for top quality and technology

- NSF 51 for food zone Sanitation Certification
- GREENGUARD Eco-certification
- HB Eco-Certification
- ASTM E84 Certification
- ISO 9001 System Certification
- ISO 14001 System Certificati
- NAHB for sinks and lavatories Certification
- IAPMO for sinks and lavatories Certification
- CSA for sinks and lavatories Certification



Staron, enhance your space with seamless interiors and clean designs

Staron is an impeccably flawless synthetic acrylic marble. No matter what shape is envisioned for the product, the smooth surfaces create a seamless finished design. Meticulous details of interiors are also possible. These subtle features differentiate materials of high quality design.

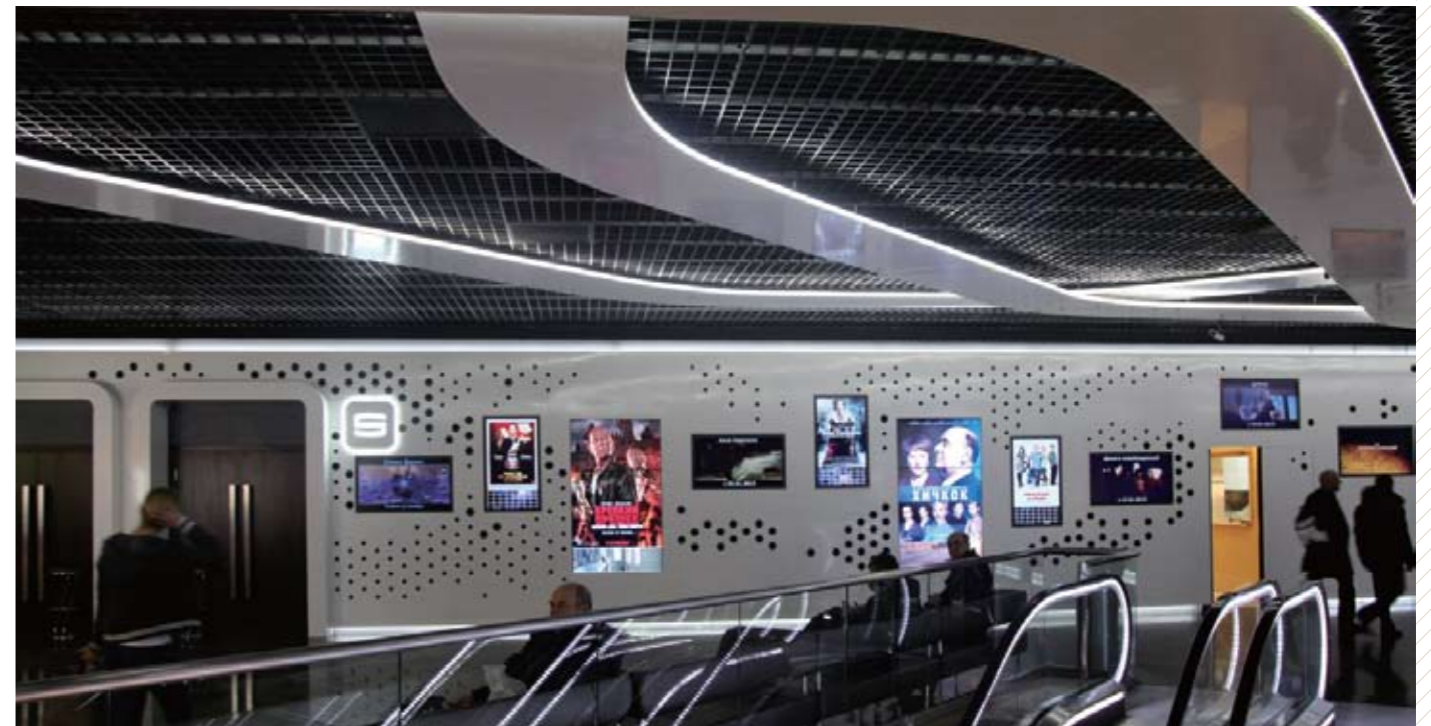




Cinema in Russia



Cinema in Russia





Heathrow Airport, Terminal 5, London, UK



Heathrow Airport, Terminal 5, London, UK

🏦 BANK

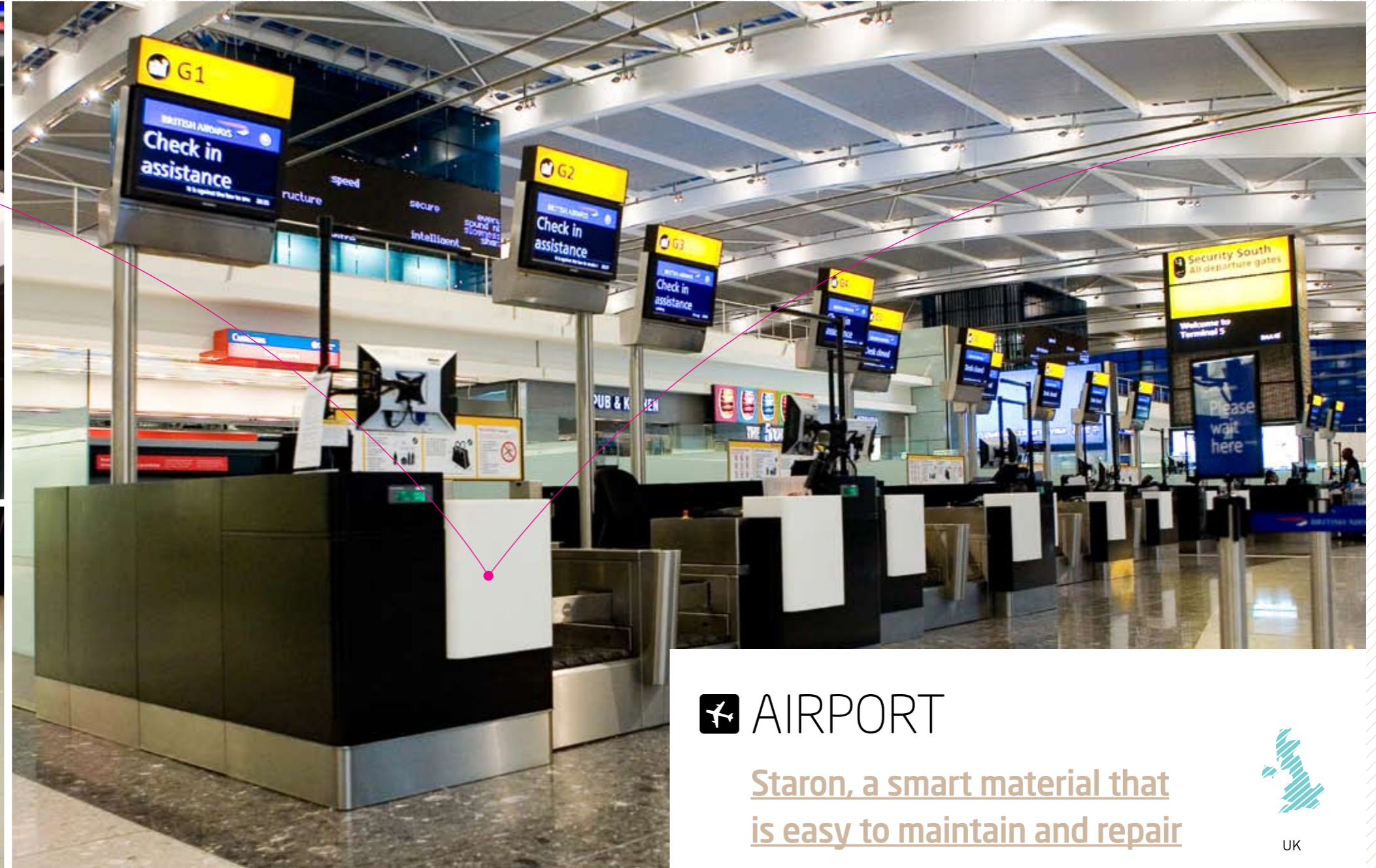


UK

Various color ranges of white

Most commonly used Staron color for offices and public facilities is white. We offer a variety of 20 white colors in this series. From pure white solids to special coating and transparent chip patterns, you can transform an office environment with our white color range.





Heathrow International Airport in U.K

AIRPORT

Staron, a smart material that is easy to maintain and repair



UK

Staron solid surfaces are durable and impact resistant. In case of cracks or damage, you can easily restore the surface. Although Staron is not physically affected by the impact of the environment, over time, there may be slight changes to the gloss surface. To recover the original feel of the surface, you can easily apply light sanding and polish. High traffic areas like airports are ideal locations for Staron solid surface where quick fixes can keep the space looking new for an extended period of time.

GALLERY

Staron, bringing new style to an interior

Staron can be used as both furniture and as an interior wall material. Staron can bring coherent wall colors that are clean and seamless. The walls are easy to clean because it is stain resistant and have non-porous surfaces. Staron works well for gallery spaces to display a variety of goods and products.



Staron Gallery at Milan Design Week in Italy

Class A fire safety material, Staron

Staron was awarded the highest rating 'Class A' (ASTM E84) for its flame retardant finish, interior walls and surfaces. ASTM E84 standards are commonly used for testing low flame spread and smoke density of building materials often suitable for the high safety standards of hotel building materials.

• Testing method

ASTM E84

(Surface burning characteristics of building materials)

• Staron results

Class A (Flame spread 10, Smoke density 10)

• Other test results

Item	Flame spread	Smoke density
Drywall (Gypsum board)	15	0
Wood Particle Board	155	200
STARON	10	10
Glass Fiber Panels	70	500+
Laminates, Plastics	70	35
Hard Board	150	400



DP9 Office, Design by dMFK Architects, London, UK



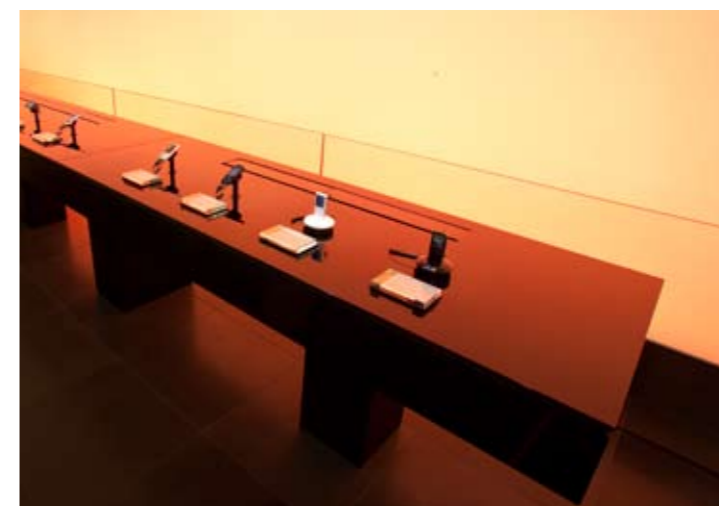


SOUTH KOREA

MULTI SHOW ROOM

Staron, creates stylish gallery spaces

Staron's smooth surface features convey a futuristic feel that is a lively addition to a stylish showroom. The various colors and smooth surface treatments allow products to stand out more. The easy care of the stain resistant and heat resistant surfaces of Staron makes it a comfortable choice for exhibitions.



TRAINING INSTITUTE

Staron is
leading the upgrade
of spaces

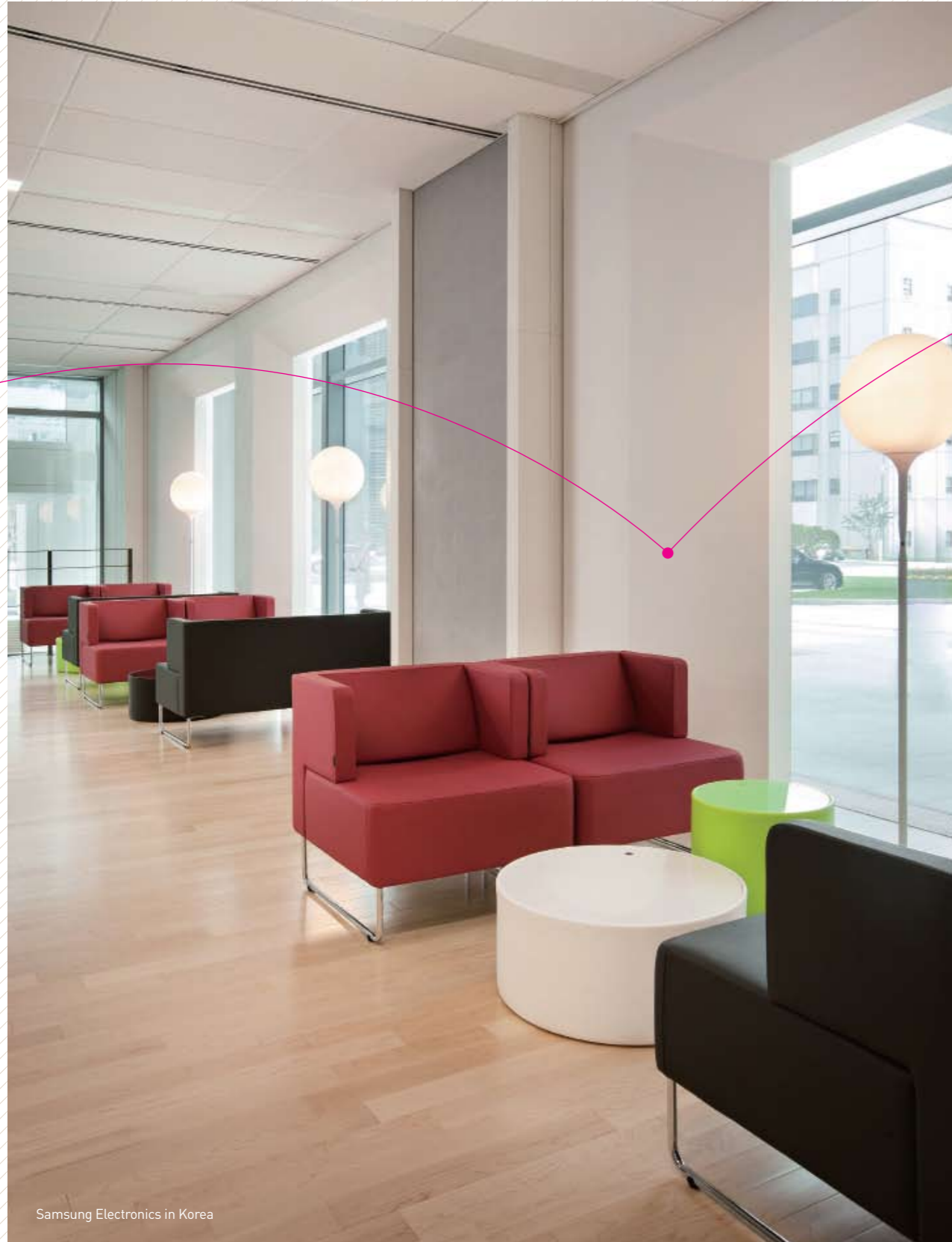


Staron solid surface is a durable and dry material that can bring new vitality to a wall. Upgrade your space with inspirational designs to differentiate a space.



Samsung Human Resources Development Center in Korea

Samsung Human Resources Development Center in Korea



Samsung Electronics in Korea



Samsung Electronics in Korea

🧪 Chemical testing results

We conducted chemical tests on various surface contaminations prone to exist in Office & Work space. These contaminants were dropped onto the surface and covered with glass plates for 16 hours. Surfaces of these areas were then scrubbed with damp pads with detergent and tested for the results.



Contaminants

- Ball point pen • Marker • Crayon
- Magic ink • Juice • Coffee



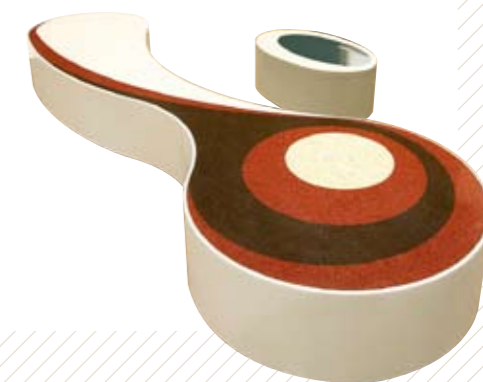
Result

Most pollutants can be easily removed from the surface with damp pad with neutral detergent.

📊 Comparing Staron to other products

Staron is durable but also easy to work with. The differentiating advantages are its reliable quality and ease of use unlike other products.

Attributes	Staron solid surface	Polyester solid surface	Engineered stone	Granite	Stainless steel
Ease of maintenance/ Cleanability and repair	3	3	2	1	2
Does not support microbial growth	3	3	3	1	3
Nonporous smooth	3	3	3	1	3
Low flammability	3	2	3	3	3
Durable	3	3	3	3	3
Low VOC	3	3	3	3	3
Low smoke toxicity	3	1	3	3	3
Initial and life cycle cost effectiveness	3	3	3	1	2
Slip resistance-appropriate coefficient of friction	3	3	3	3	2
Ease of installation, demolition, replacement	3	3	1	1	2
Seamless appearance	3	3	1	1	3
Control of reflectivity	3	3	2	2	2
Option for color, pattern	3	3	3	2	2
Nontoxic, non-allergenic	3	3	3	3	3



www.staron.com

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