



staron[®]
Solid Surfaces



**Samsung Staron[®] Solid Surfaces in
Apartments & Hotels**

CREATIVE BEAUTIFUL DURABLE

Staron® Solid Surfaces created by technology leader Samsung, is manufactured from a natural mineral refined from bauxite and blended with pure acrylic resin. Staron® Solid Surfaces are suitable not only for commercial projects, but for endless applications around the home including kitchens, bathrooms and laundries.

Flexible in Design

With a range of over 80 colours to select from, Staron® offers the most extensive range of solid surface in Australia. Staron® is both aesthetically and functionally pleasing. It can be thermoformed into flowing curves or sculpted into any shape imaginable. The flexibility of Staron® extends to limitless edge profiles, drop down edges, splashbacks and tile coves. Selected Staron® colours are also translucent and can be backlit to bring your design to life.

Repairable, Hygienic & Durable

The non-porous nature of Staron® provides a surface that no stain can penetrate - providing a durable benchtop that is hygienic and easy to clean. Staron® is also repairable and renewable. Even after years of use it can simply be sanded, thus restored back to its original condition. Staron® does not have any finishing polishes or sealers applied, it is the same solid material throughout its thickness. Because of this nature, every wipe to your benchtop will rejuvenate the surface.

Seamless

Staron® is seamless – it creates long and wide continuing surfaces with no open or conspicuous joints. With a collection of integrated Staron® kitchen sinks and vanity bowls – a seamless benchtop space can be created. No dirt trapping joints or crevices to clean, just one continuous surface that looks and performs like one piece.

Samsung 10-Year Limited Warranty

Staron® is an affordable quality solid surface backed by a Samsung 10-year warranty for peace of mind. Staron® is a homogeneous and solid mineral-filled acrylic polymer material so that it is easy and convenient to care for and maintain. Simple routine maintenance is required to keep it looking new and fresh. Visit staron.com.au for full warranty details, and to register your warranty.



Desk, desk credenza and shelving behind bed in Staron® colour: Quasar White. Cover image: Kitchenette benchtop thermoformed into splashback in Staron® colour: Quasar White. Both designs by: Simone Micheli.

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Staron® in apartments & hotel guest rooms

Create a warm and welcoming space that will preserve its beautiful finish and require only simple maintenance. Staron® can be used in endless applications in apartments and hotel guest rooms.

Create Staron® kitchen/kitchenette benchtops, storage solutions, wall cladding, integrated desk spaces, vanity bowls, vanity tops, shower bases, shelving, bath tubs, furniture and more.

With a monolithic finish, Staron® provides a continuous surface with no open joints. Use one of three standard vanity bowls in the bathroom - or push the boundaries of design by creating a custom vanity space. Use long drop down edges and curves for a dramatic elegance that is unique in design and function. Use Staron® to create a thermoformed bathtub that will feature as an art-like structure in the bathroom. Continue Staron® to the bath surrounds and up the walls for an integrated look with no open joints that is easy to maintain and does not promote the growth of bacteria, mould or mildew. Non-porous in nature, no stain can penetrate into the material - providing a functional and aesthetically pleasing surface.

With a selection of four single and three double kitchen sinks – a seamless and totally integrated kitchen benchtop space can be created. You can even create your own design to fit the specific needs of your project. No dirt trapping joints or crevices to clean, just one continuous surface that looks and acts like one piece. Continue benchtops up to the splashback and down waterfall ends. Staron® can feature an endless array of edge profiles, curved / thermoformed designs, and integrated drainers and heat rods.

The renewable nature of Staron® means that after years of use, the surface can be sanded, restoring it back to its original condition. Due to its nature, every wipe to Staron® will rejuvenate the surface. Staron® also has as a strong and renowned UV stability extending design possibilities to barbeque surrounds, outdoor deck furniture and wall cladding applications.

Benchtop and cabinetry clad in Staron® colour: Bright White.



Staron® in hotel bars & clubs

The flexibility of Staron® Solid Surfaces allows unique designs to create atmosphere to any venue. A social and sophisticated environment can be created in a bar or club with smooth and curved surface tops to attract people to the bar. Clever and effective lighting can be used to make the bar a feature and bring the entire bar to life with glowing light.

The non-porous nature of Staron® also means that no stain will penetrate into the surface, so red wine is wiped away and won't leave a permanent stain. Beer odours will also be eliminated, as it is not absorbed into the material.

Create curves and waves to make the application fit the space. Staron® gives you the design freedom to create something unique that will fit in with the design and specification. The durable and renewable nature of Staron® makes it the perfect surface solution for high traffic areas of a busy bar, hotel or public space application. Unlike some other materials, Staron® is a quiet and softer surface so handling glassware on the material are both quieter and safer.

The non-porous properties of Staron® can also be applied to the bathrooms with seamless and eye catching vanities or toilet partitions. The durable and easy cleaning nature of Staron® means that the surface will maintain its good looks for years - extending the life of the application.

The versatility of Staron® can also be used in the hotel segment - in the lobby, bathroom, hotel rooms and more. Create flowing wall cladding that is smooth and monolithic, for a beautiful finish that oozes luxury. Continue to hotel reception counters, hotel room tables, bathroom vanities and bathtubs. Virtually anything you can dream of, you can create with Staron®.

Thermoformed circular bar top made with Staron® Solid Surfaces colour: Natural.



Staron® in hotel restaurants, food outlets & food halls

The durable and healthy nature of Staron® Solid Surfaces makes it the perfect surface solution to extend its use into hotel or apartment complex restaurants, food kiosks/outlets or cafes.

Staron® meets NSF51 National Sanitation Foundation Accreditation for safe food hygiene, which means it is a practical surface solution for commercial kitchens. Staron® will not promote the growth of bacteria when exposed to food, making it a safe surface for all food contact areas. Its renewable and repairable nature makes it suitable for high traffic areas such as benches, tables and serveries, as it will keep its beautiful aesthetic appeal for many years. No open joints also means that there will be no food trapping crevices, bacteria or grime build up - just one clean continuous surface.

Staron® can be used for dining tabletops and bases for furniture that requires easy maintenance. With an extensive selection of colours, a colour can be matched to any interior fit-out. Multiple colours can also be inlaid for a unique look or theme. Seating can also be created as benches, cube stools, or any other seating design imagined.

Staron® can be used to create long and thermoformed curved counters, serving areas, wall cladding, preparation areas, seating, signage and more.

Fluted columns in Staron® colour: Sanded Onyx. Design by: MBBD. Fabrication by: DesignHub.



Thermoformed Staron® bathtub at Hypnotique Spa in colour: Bright White. Design by: Simone Micheli.

Staron® in hotel retail, spas & lobbies

The demanding and high traffic environment of a retail fit-out needs a surface that is durable, hard wearing, renewable and non-porous. Staron® meets every criteria to create a project that will look like the day it was installed for years to come. Inconspicuous joins make cleaning easy with no dirt trapping crevices, unachievable with many other materials.

The flexible design nature of Staron® also makes it possible to create any design imaginable. Thermoforming Staron® creates curves and shapes, allowing it to be formed and sculpted into almost any design or concept. The transparency of selected colours means that Staron® can be illuminated by backlighting for creative impact. Create unique designs by etching a brand or logo into the Staron® material and backlighting to illuminate it.

The hygienic properties of Staron® also makes it the perfect solution for spas and beauty salons. Integrated vanity bowl and bench areas can be designed for a clean workspace. Hair salon work stations with integrated hair dryer and accessory storage made with Staron® will create a complete solution with a durable surface that ensures no stain is ever permanent, so that the installation looks and performs to a high standard.

The lobby of a hotel or apartment complex is the first impression that a guest will have on an establishment. Concierge or check in countertops can be smooth and inviting to touch with Staron®. The countertop surface can continue to the walls, staircase, and elevator in one continuous and monolithic surface. Create a beautiful and welcoming design to the entry of the building.

With Staron® create service counters, seating, wall panels, furniture pieces, display cabinets, table tops, feature shop fit-outs, shelving and creative sculptures. Inlay multiple colours of Staron® to create corporate logos or colours - the possibilities are endless.

Environmental Sustainability



Staron® is non-toxic creating a safe environment for nature, people and animals. It has GREENGUARD Indoor Air Quality Certification, and also meets the more stringent GREENGUARD for Children & Schools Certification. The renewable nature of Staron® also extends its life span creating less need for waste.

The **Encore Collection** offers a selection of colours with a **guaranteed percentage of pre-consumer recycled resin and chip content** for heightened sustainability in design. The below 18 colours have been certified by Scientific Certification Systems, a leader in certifying independent environmental claims - recognising Staron® for the use of recycled material.



Darker colours may show every day wear and tear, including light scratching, more readily in high use horizontal areas (eg.kitchen benchtop). To ensure we meet your expectations, customers should be aware of the extra care needed. Scratching is not considered a product defect and hence not covered by the 10 year warranty. These colours are marked with an asterisk (*).

Integrated Staron® Sinks & Vanity Bowls

Staron® has a selection of standard kitchen sinks and vanity bowls. Custom designed sinks can also be made to create baby baths or sinks to a specific size. Staron® sinks are joined to the Staron® benchtop with a special Staron® adhesive, and sanded. The result is a monolithic surface that continues from the bench to the sink in one smooth and continuous surface. No open joints and no dirt trapping crevices.

Staron® Standard Integrated Kitchen Sinks



Staron® Standard Integrated Bathroom Vanity Bowls



Sinks and vanity bowls available in colour Bright White. Pearl available by special order. A1181 and A3181 standard colours include: Bright White and Pearl. All dimensions listed are internal measurements. For all other full sink measurements visit www.staron.com.au *650mm benchtop width required. ^Right sink is deeper than left sink. Depth shown is the measurement of the deeper sink.

Tile Cove & Splashback



Extend your bench space to continue to the sink, splashback and even clad to your cabinetry for an integrated and monolithic finish that continues with no open joints. A tile cove offers a smooth and clean finish at the back of your benchtop, where the benchtop meets the splashback. A 10mm tile cove will eliminate dirt and germ crevices and allow a smooth join to your splashback. Add a Staron® splashback for a seamless kitchen benchtop with no open joints.

BACTERIAL RESISTANCE

Test method: ASTM G 22 (Determining Resistance of Plastics to Bacteria)

Strains: Pseudomonas Aeruginosa (ATCC 13388)

Culture condition: 96.8 +/- 1.8°F(36 +/- 1°C), 90%RH, 21 days

Culture Time	0 WEEK	1 WEEK	2 WEEKS	3 WEEKS
RESULT	0	0	0	0

CHEMICAL RESISTANCE

Test method: Apply 3 drops of each chemical reagent on the surfaces of Staron® Solid Surfaces. Expose the sample for 16 hours; covered with glass plate and uncovered. Check the surface and scrub the surface with a wet Scotch-Brite® Pad and bleaching cleanser such as Ajax®.

Test Result: THE RESIDUE FROM THE FOLLOWING CHEMICAL REAGENTS CAN BE REMOVED WITH A WET SCOTCH-BRITE PAD AND BLEACHING CLEANSER.

Acetic acid (10%)	Formaldehyde	Pencil lead
Acetone Ammonium hydroxide (5,28%)	Gasoline	Permanent marker pen Soapless detergents
Ammonia	Gentian violet	Shoe polish
Amyl alcohol	Grape juice	Sodium bisulfate
Amyl acetate	Hair dyes	Soy sauce
Ball point pen	Household soaps	Sulfuric acid (25,33,60%)
Benzene	Hydrogen peroxide	Sodium hydroxide solution (5,10,25,40%)
Bleach (household type)	Hydrochloric acid (20,30,37%)	Sodium sulfate
Blood	Iodine (1%)	Sugar (sucrose)
Butyl alcohol	Ketchup	Sulfuric acid (25,33,60%)
B-4 body conditioner	Lemon juice	Tetrahydrofuran
Calcium thiocyanate (78%)	Lipstick	Tea
Carbon disulfide	Mercurochrome (2%)	Toluene Urea (6%)
Carbon tetrachloride	Methyl ethyl ketone	Tomato juice
Citric acid (10%)	Methyl red (1%)	Uric acid
Coffee	Methanol	Vinegar
Cottonseed oil	Methyl orange (1%)	Washable inks
Cigarette (nicotine and tar)	Mustard	Wine
Cooking oils Cupra ammonia	Mineral oil	Xylene
Ethanol	Nail polish	Zinc Chloride
Dishwashing liquid/powders	Naphthalene	
Ethyl acetate	N-hexane	
Ethyl ether	Olive oil	
	Perchloric acid	

DURABILITY

Properties	Tensile Strength	Flexural Strength	Flexural Modulus	Elongation	Gloss [60 Gardner]	Abrasion Resistance
Test Procedure	ASTM D 638	ASTM D 790	ASTM D 790	ASTM D 638	NEMA LD-3	ANSI Z 124
Result	6,000 psi	10,000 psi	1,000,000 psi	0.50%	5-20	Pass

FIRE RESISTANCE

AS/NZS 1530.3:1999 Fire Testing - Simultaneous determination of ignitability, flame propagation, heat release and smoke release.

Test Method: Staron® has been tested in accordance with **Australian Standard 1530**, method for fire tests on building components and structures, Part 3: Simultaneous determination of ignitability, flame propagation, heat release and smoke release, 1999. For the test, each sample was clamped to the specimen holder in four places.

Test Result:

Ignitability Index (0-20)	Spread of Flame Index (0-10)	Heat Evolved Index (0-10)	Smoke Developed Index (0-10)
11	0	2	0-1

Staron® has also been tested within accordance of: **AS/NZ 3837 - Wall & Ceiling Linings Cone Calorimeter Test.**

SLIP RESISTANCE

Staron® has been tested within accordance of **AS/NZS 4586**. For full test results visit staron.com.au



Shower wall in Staron® colours: Bright White and Sanded Onyx.



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