Snogen corporation

STONIA®

Solid Surfaces

www.stonia.net

Snogen Corporation
Sgen International Inc

STONIA®
Solid Surfaces

STONIA Solid Surface

STONIA is Snogen Corporation's premium Solid Surface brand manufactured with 100% Acrylic Resins (MMA). STONIA Solid Surface has many unique features which make it the perfect solution for interior designs and projects. Some of these features include:

Nonporous, Antimicrobial/Hygienic, Durable, Stain Resistant, Invisible Seams, and Easy Maintenance/ Repair.

STONIA Solid Surface is also easy to fabricate, thermoformable, and 100% recyclable. STONIA has a wide collection of over 120 in demand colors to choose from.

Features of STONIA Solid Surface

Antimicrobial/Hygienic

STONIA solid surface is nonporous and does not allow liquids to penetrate where bacteria can grow.

Easy to Maintain

Any mark, stain, or scratch can be easily removed and returned to its original appearance with a cleaning pad and household cleaner.

ECO-Friendly Product

STONIA solid surface can be decomposed into Alumina and recycled Acrylic Resins(MMA) to be used again.

Invisible Seams

STONIA solid surface has the unique ability to achieve a seamless look by using color matched adhesives when joining seams. This feature is incredible for any design project, especially where large surfaces are desired. This is aesthetically pleasing and also eliminates a place for crumbs, dirt, stains, and bacterial to grow.

Thermoformable

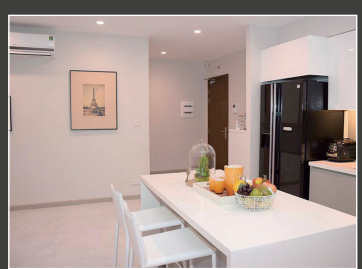
Using controlled heat and pressure, STONIA solid surface can be thermoformed to any shape. This feature can be applied to various projects from countertops to kiosks.

Durability

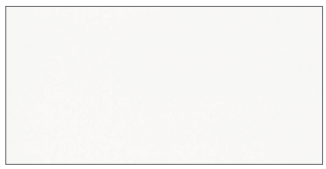
STONIA solid surface is resilient against heat, impact and cuts that can occur with daily wear and tear.

Food Contact Grade

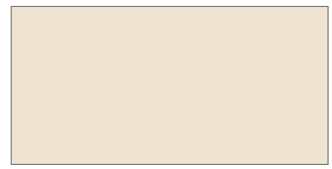
STONIA solid surface is a food-grade material and meets NSF-51 US standards. It is safe for contact with all types of food.



COLORS


A-106 Ultra White

A-101 Vivid White


A-120 Cream

A-122 Light Grey

A-104 Dark Grey

A-109 Espresso

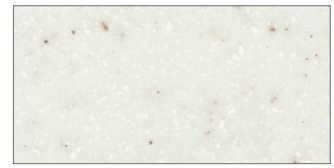
A-105 Black

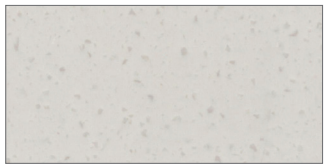
A-107 Banana Yellow

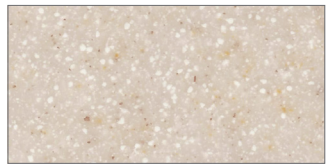
A-121 Valencia

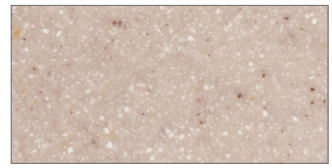
A-108 Rose Red

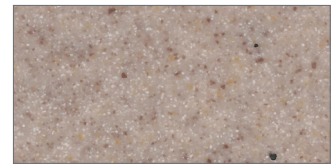
S-117 Sand Meal

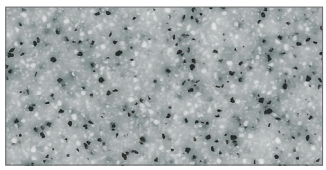

S-130 Sand Cream

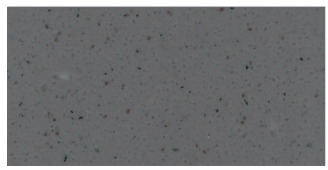

S-121 Sand Lily

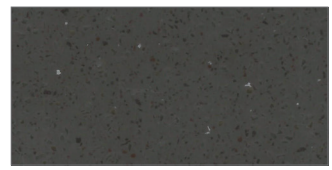

S-105 Sand Acre


S-115 Sand Hill


S-104 Sand Storm


S-101 Sand Grey


S-110 Sand Rocky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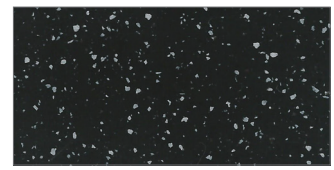
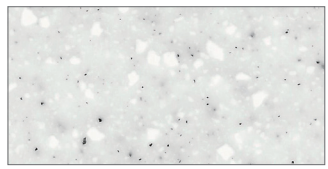
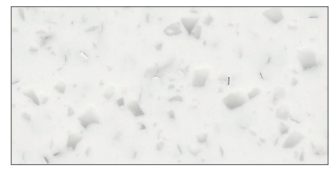
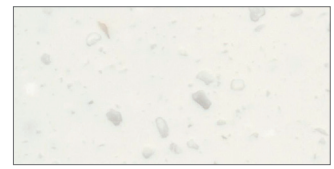
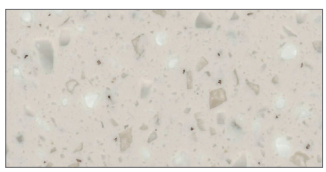

S-102 Sand Night

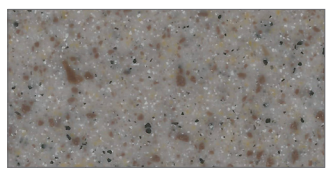
M-105 Moon River

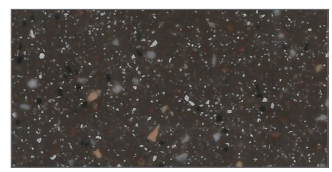

M-102 Moon Snow


M-110 Moon Galaxy


M-119 Moon Corona

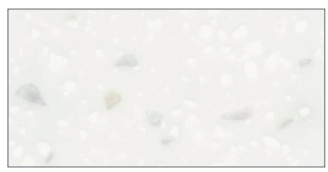

M-136 Moon Iris

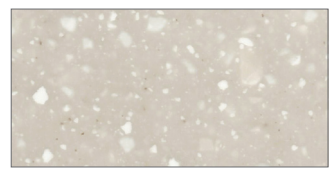

M-109 Moon Wood


M-111 Moon Spice

L-101 Sun White

L-125 Sun Arctic


L-114 Sun Rise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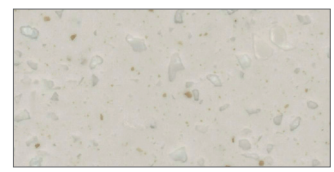
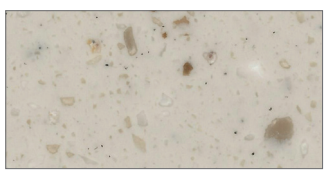
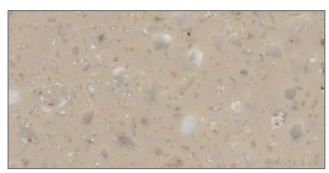
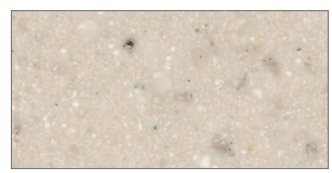
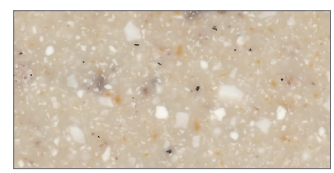
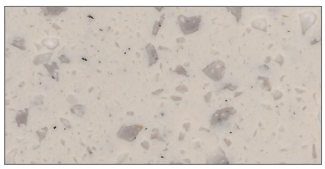

L-120 Sun Mosk


L-121 Sun Crema

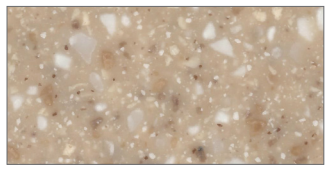

L-107 Sun Clay


L-139 Sun Scape

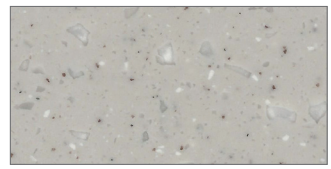

L-153 Sun Nebula



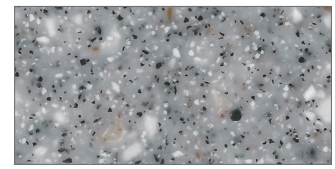
L-112 Sun Fresco



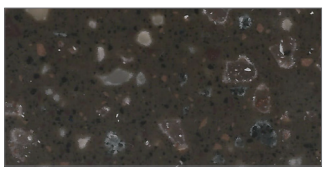
L-134 Sun Mine



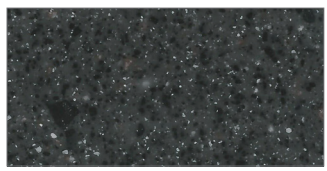
L-111 Sun Rose



L-148 Sun Iron



L-130 Sun Arabica

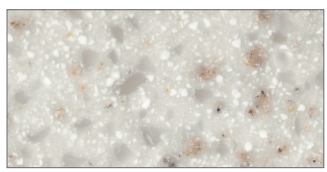


L-119 Sun Onyx

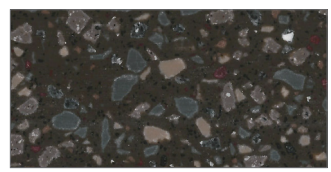
P-101 Pearl White

P-108 Pearl Stellar

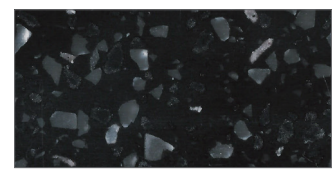
H-015 Home Himalaya



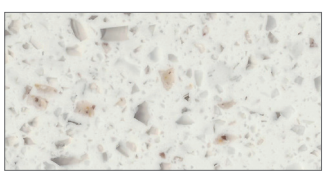
H-001 Home Point



H-020 Home Monkey Nut

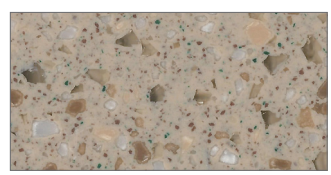


H-019 Home Gemstone



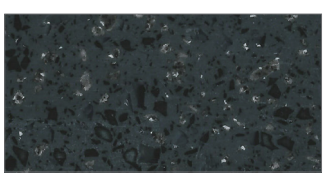
T-025 Titan Dasiy

T-010 Titan Silk

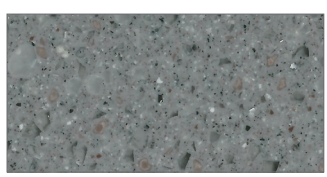


T-039 Titan Farm

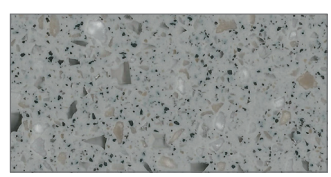
T-007 Titan Sonoma



T-041 Titan Blackbird



T-013 Titan Typhoon

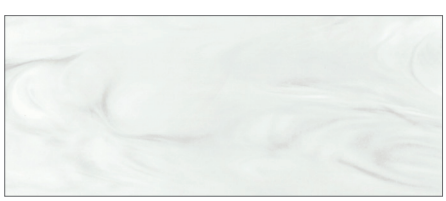


T-040 Titan Haze

V-002 Sylvia

V-008 Opal White

V-016 Cirrus



V-018 White Bey

V-019 Vegas

V-020 Nebula

V-022 Lagoon

SPEC SHEET (Acrylic Solid Surface)

Product Size

1) 12mm x 760mm x 3680mm

Item	Unit	Typical Value	Test Method
Weight	kg	59 ± 1	-
Thickness	mm	12 ± 0.2	-
Length	mm	3680 ± 20	-
Width	mm	760 ± 10	-

2) 6mm x 760mm x 2500mm

Item	Unit	Typical Value	Test Method
Weight	kg	20 ± 1	-
Thickness	mm	6 ± 0.2	-
Length	mm	2500 ± 10	-
Width	mm	760 ± 10	-

Product Property

Item	Unit	Typical Value	Test Method
Specific Gravity	-	1.73	ASTM D-792-13
Hardness - Rockwell M Scale	-	87	ASTM D785-08
Hardness - Bacol Impressor	-	61	ASTM D2583
Tensile Strength	Mpa	41.3	ASTM D638-14(*)
Tensil Modules of Elasticity	Gpa	9.28	ASTM D638-14(*)
Flexural Strength	Mpa	70.9	ASTM D790-10(**)
Flexural Modules of Elasticity	GPa	7.32	ASTM D790-10(**)
Izod Impact Strength	J/m	32	ASTM D256-10
Water Absorption	%	0.03	ASTM D570-98
Heat Resistance(Crack)	-	No Defects	JIS K 6902
Heat Water Resistance(Crack)	-	No Defects	JIS K 6902
Deflection Temperature Under Load (1.82 Mpa)	'C	104	ASTM D648-16
Accelerate Weathering Test(***) Color Difference	-	No Defects	KS M ISO 4892-2
DEHP	%	Not detected	US EPA 8061A
DBP	%	Not detected	US EPA 8061A
BBP	%	Not detected	US EPA 8061A
Flammability (North America)			
Classification	Class	I	ASTM E-84
- Flame Spread		<15	ASTM E-84
- Smoke Developed		<15	ASTM E-84

* Speed of Testing : 5mm/min(Modulus : 1mm/min), Specimen Type : Type I
** Speed of Testing : 5.1mm/min, Support Span : 190mm
*** Test Condition
- Light Source : 12000W Xenon Arc, Irradiance : 0.51W/㎡
- B.P.T : 63℃ ± 3℃, Humidity : 50% ± 5% RH
- Inner/Outer Filter : Borosilicate/Borosilicate,
- Spray Cycle : 18min/102min(120min)
- Exposure Time : 4hours

THERMOFORMING

Sheet Thickness	Recommended OvenTemp/Time	Minimum Inside Radius	ColorGroup
6mm	165℃ / 25~55min	27mm	Unicolor
		105mm	Small, medium Chip
12mm	165℃ / 40~70min	75mm	Unicolor
		125mm	Small, medium Chip
		200mm	Pearl

BASIC COMPOSITION

MATERIAL NAME	COMPONENT
MMA (Methyl Methacrylate)	Resin
PMMA (Polymethyl Methacrylate)	Resin
AL (OH) 3-Alumina Trihydrate	Filler
Cross Linking Agents, Stabilizers, Curing Agents, Pigments, etc.	Additives

CERTIFICATES

NSF International
789 N. Dixboro Road, Ann Arbor, MI 48105 USA
RECOGNIZES
Snogen Corp.
Republic of Korea
AS COMPLYING WITH NSF/ANSI 51 AND ALL APPLICABLE REQUIREMENTS.
PRODUCTS APPEARING IN THE NSF OFFICIAL LISTING ARE
AUTHORIZED TO BEAR THE NSF MARK.
NSF
ANSI
June 23, 2016
Certificate# C0254849 - 01
Sarah Krol
Global Managing Director, Food Safety Product Certification

CERTIFICATE
OF COMPLIANCE
GREENGUARD
GOLD
SNOGEN Corporation
A-100 SUPER WHITE
Certificate Number
Certificate Period
Certified
Status
UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
Environment

STONIA®

Solid Surfaces

Snogen corporation

Sgen International Inc

Korea

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Cell : +82-10-4338-3825
E-mail : genec@sgeninternational.com
Website : www.stonia.net

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