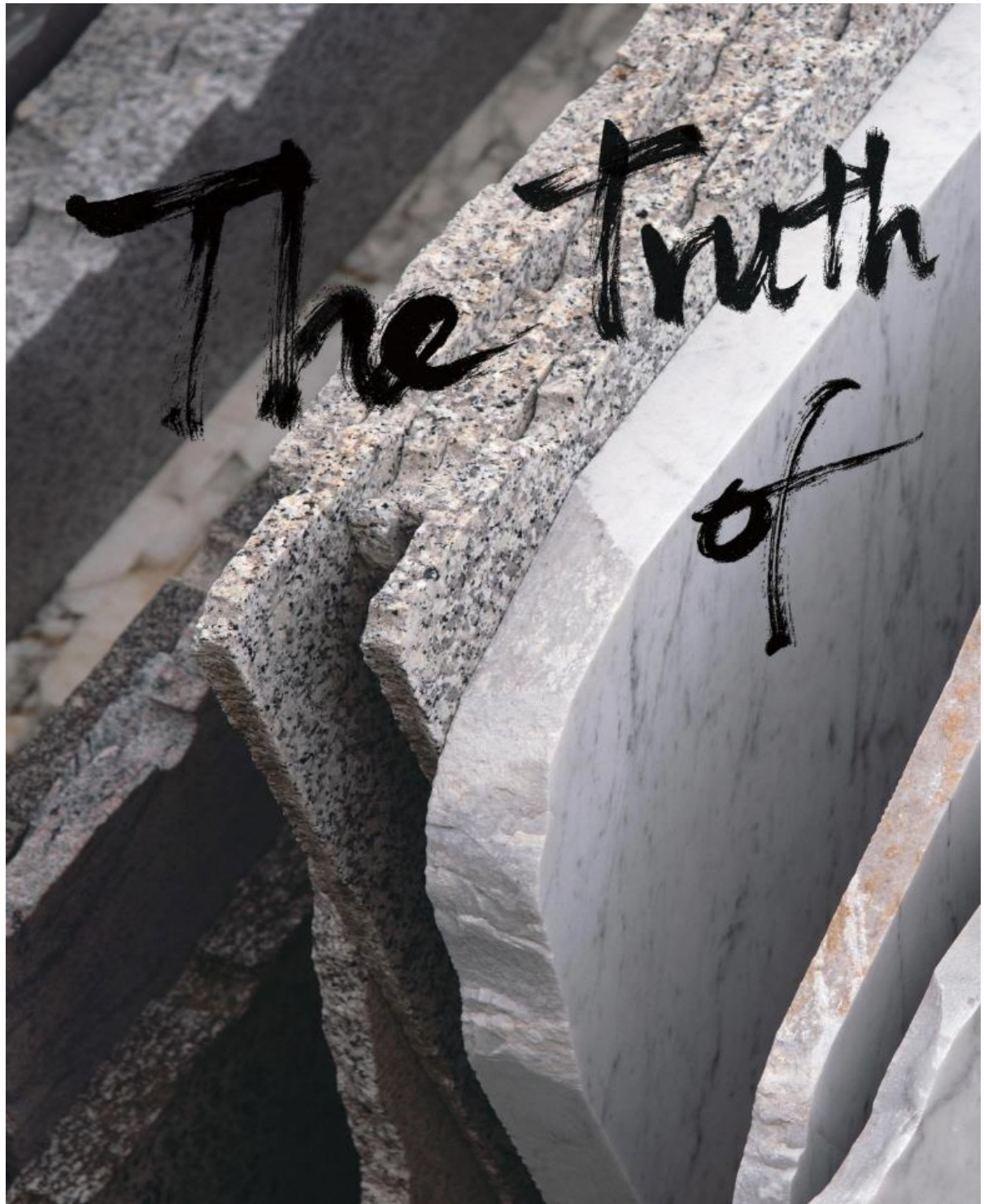



 **TriStone**TM
ACRYLIC SOLID SURFACE

LION[®] CHEMTECH





a Stone

The truth of a stone

Impression continues to over 100 years!
Communicating with Nature, Life & Art and
Creating human space by adding the history
which has been accumulated in billions of years,
this is the philosophy and future of Lion Chemtech.

Lion Chemtech is the only manufacturer which professionally produces
Quartz and Acrylic Solid Surface in Korea. Since established in 1973,
with certified technology and beautiful design, Lion Chemtech is
leading industry and endeavoring globalization. By ceaseless R&D
activity for elegant Quartz and solid surface which enables to feel
excellent durability and luxury, the value of Lion Chemtech's
products will not change forever in spite of change of
several generations.





TriStone ACRYLIC SOLID SURFACES

Excellent Durability

TRISTONE has great durability with good materials and excellent technology. TRISTONE is superior to natural marble in impact resistance and scratch resistance. TRISTONE is free from bacteria, blotch, and contamination.

Home space production by excellent fabrication ability

TRISTONE can be fabricated by the way being similar to wood process. TRISTONE can be thermoformed and produced for various life style which is feasible to customer's needs. With TRISTONE, you can enjoy the perfect style with wide range by seamless process.

Various color and patterns

TRISTONE presents the various collections from simple white colors to high quality patterns. TRISTONE produces beautiful and practical space with various colors and textures by designs out of normal life motif and nature's soul.

Superior Hi-tech and environment-friendly material

Nature and environment,
TRISTONE use no hazardous materials and seek environment-friendly value.
TRISTONE regard nature, environment, and humanism as the most precious value and finally, obtained certificates of NSF, Green Guard, etc.




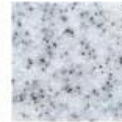


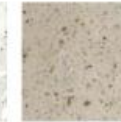








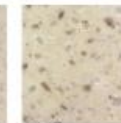




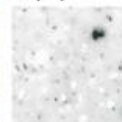



APPLICATIONS

Residential	Kitchen Top, Sink Bowl for home, Bathtub (Wash Basin), Living Space, Furniture
Commercial	Public Building and Office, Facades and Wall cladding, Shops and Exhibitions, Healthcare and Hospital, Educational institutions, Others (Hotel, Marine industry, Airport, etc.)



T-118 Aphrodite

TriStone GENERAL Series

							
S-110 Cream Sands	S-102 Beige Sands	S-117 Sand Castle	S-201 Fog	ST-120 Glister	ST-012 Snow Brick	ST-009 Snow Range	ST-123 Cookie Sands
							
ST-122 Mercury	ST-307 Petra	ST-001 Golem	ST-102 French Roast	S-304 Elf	ST-111 Peppercorn	F-104 Frost Land	F-201 Indian Ocean
							
F-106 Beige Wales	F-005 Cirrus	F-105 Gold Twilight	F-109 Rocky Mountain	F-323 Swan	F-322 Primo	F-316 Almond Cream	F-324 Castle
							
F-303 Sweet Peanut	F-320 Pluto	F-328 Daisy Sky	F-304 Rainy Sky	F-330 Coral	F-308 Almond Crunch	F-329 Monarch	F-211 Sand Crunch
							
F-218 Velvet	F-327 Gobi	F-331 Griffith	F-203 Black Ice	F-103 Concord	F-325 Kaba	F-204 Starburst	



T-118 Aphrodite



TriStone **SOLID** Series (Acrylic)

A-104 Pure White	A-119 Whale White	A-102 Beige Cream	A-210 Light Grey	A-209 Metal Grey	A-111 Espresso	A-203 Maple	A-201 Sunset
A-202 Mango	A-115 Deep Sea	A-105 Dark Cave	A-109 Glacier Peak	A-218 Pink Sherbet	A-219 Emerald Sherbet	A-220 Blueberry Sherbet	A-221 Lemon Sherbet

TriStone **PEARL** Series

S-203 Snow Pearl	S-204 Soft Pearl	S-216 Grey Pearl	S-230 Sparkling Gold





TS-206 Rye

TriStone

SPECIAL Series



T-001
Chalcedony



T-112
Echo



T-004
Alexandrite



T-002
Tourmaline



T-005
Onyx



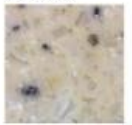
T-003
Ambiance



T-008
Zultanite



T-113
Mayon



B-003
Tiger Eye



B-006
Jasper



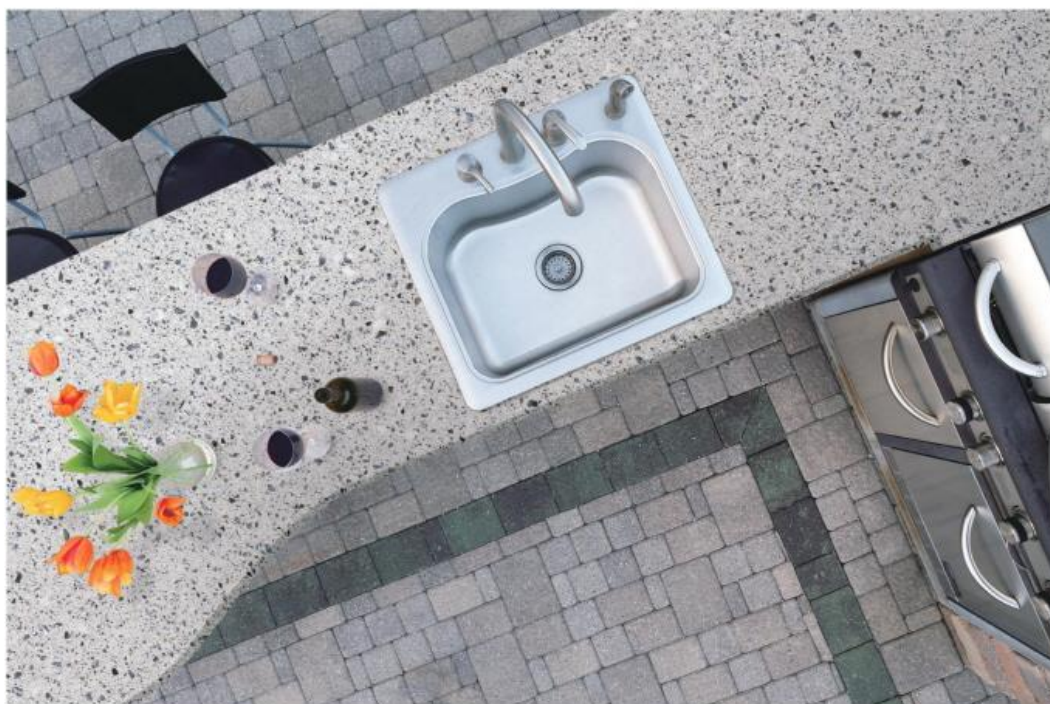
B-005
Andradite



B-002
Turmeric

















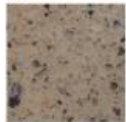



TS-206 Rye



MT-001 Grise

TriStone PREMIUM Series

							
TS-111 Iris	TS-112 Daisy	TS-207 Fundatio	TS-126 Athens	TS-208 Nemus	TS-116 Latona	TS-124 Coconut	TS-209 Intactus
							
TS-206 Shine	TS-105 Amethyst	TS-117 Sauron	TS-108 Raccon	TS-109 Whinstone	TS-201 Florence	TS-202 Apollo	MT-003 Duomo
							
MT-002 Chocolate Cognac	MT-001 Grise						



MT-001 Grise



V-009 Milk Grotto

TriStone **VEIN Series**



V-001 Tijuana



V-103 Camellia



V-004 Shell



V-005 Dark Wood



V-007 Venice



V-108 Fog Cloud



V-009 Milk Grotto



V-010 Canyon



V-111 Day Break



V-016 Pompeii



V-017 Colosseum



V-019 Moria



V-020 Solid Rock



V-021 Sparking Wave



V-023 Timber Wolf



V-024 Twister



V-025 Black Sea



V-026 Hazelnut



V-009 Milk Grotto



TriStone

Shower Tray & Bathtub

The special design of Tristone's Shower Tray and Bath Tub, enjoy simple and elegance life.
They are complete bathroom collection, not to look magnificent but to moderate and simple, which gives you a freedom from daily work.

Shower Tray



Bathtub



Performance Properties

Test Items	Unit	Results	Test Method
Specific Gravity((23/23) C)	-	1.75	ASTM D792-13(Method A)
Rockwell M Scale Hardness	-	90	ASTM D785-08(2015)(Procedure A)
Tensile Strength	Mpa	31.6	ASTM D638-14(*)
Tensile Modules of Elasticity	Gpa	9.93	ASTM D638-14(*)
Flexural Strength	Mpa	62.8	ASTM D790-10(**)
Flexural Modules of Elasticity	Gpa	10.0	ASTM D790-10(**)
Izod Impact Strength	J/m	16	ASTM D256-10(Method A)
Water Absorption	%	0.03	ASTM D570-98
Ball Impact Resistance	-	>95	NEMA LD3
Boiling Water Resistance	-	Not Effect	NEMA LD3
Deflection Temperature under load	°C	96	ASTM D648-07(Method B)

Warranty

GENERAL TERMS AND CONDITIONS

Lion Chemtech Co., Ltd. will warrant its Solid Surface materials against manufacture defects for the period of 10 years from the shipment date. This Limited 10-Year warranty against defective materials only applies to Lion Chemtech's Solid Surface products, which are stored, handled, fabricated, installed, and used in the manner recommended in the Lion Chemtech's Fabrication Manual, Care & Maintenance Guide, Technical Bulletins, and other standards that are known in the Solid Surface industry.

THIS WARRANTY DOES NOT COVER THE FOLLOWING

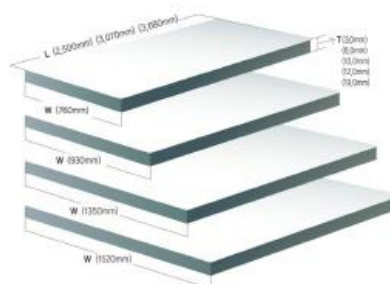
1. Misuse
2. Abuse
3. Improper installation or maintenance
4. Failure to follow instructions provided in Lion Chemtech's User Guide (available at www.tristonesurfaces.com) including, but not limited to, fabrication, installation, care, maintenance, etc.
5. Physical, chemical or other abuse including, but not limited to, damage from improper cleaning solutions such as bleach or drain cleaner, damages from vandalism, stains, scratches, water spots, and dropping of heavy/sharp objects.
6. Excessive heat exposure to a degree that would cause the product to display white marks, cracks and other unreasonable defect.
7. Acts of nature including, but not limited to, weather effects, fire, flood extreme exposure to the outdoors.
8. Removal or dissatisfaction in appearance of accessory items including, but not limited to, joints, seams, adhesive, caulk, etc.
9. Minor conditions such as scratches, stains, burn marks, water stops and other. Due to the unique properties of Lion Chemtech's Solid Surfaces, these minor conditions can be corrected by following techniques specified in Lion Chemtech's Care & Maintenance (available at www.tristonesurfaces.com)
10. Poor workmanship of the Fabricator or Installer
11. Color variation from the sample
12. Damages from other than manufacturing defect



SPECIFICATION

Item	Unit	Specification
Thickness	mm	3.0, 6.0, 10.0, 12.0, 19.0
Length	mm	2500, 3070, 3680
Width	mm	760, 930, 1350, 1520

* Various sizes are available upon request



ADHESIVE

Tristone adhesive is specially designed for various color collections. They are perfectly matched to Tristone colors. With each adhesives, you can save lots of time and efforts.



Care and Maintenance Guide

Routine cleaning of your Tristone is based on the color and finish. The usual finishes consist of three types: matte/satin, semi-gloss, and high-gloss. Frequent cleaning of your countertop will increase the gloss level of your top over time. Also, darker colors require more frequent cleaning and care. Dirt and residue can easily be removed by using water, soap, ammonia-based cleaners, and/or solid surface cleaners. You can also use countertop polishes to enhance the gloss level of your countertop. Specifically for sinks and bowls, you can use the previous mentioned procedures or use a green Scotch-Brite pad to remove residue. Green Scotch-Brite pads are not recommended for routine cleaning on countertops.

In order to remove hard and difficult stains on countertops, sinks, and bowls, you will have to use different products to get the best results. Please follow the suggested cleaning procedures.

- Matte/Satin finish: Use a wet green Scotch-Brite pad and an abrasive cleanser and rub in a circular motion.
- Semi-gloss finish: Use a Soft Scrub cleanser with diluted household bleach and a wet white Scotch-Brite pad and rub in a circular motion.
- High-gloss finish: Same procedure as semi-gloss finish but use a sponge, NOT Scotch-Brite.

To disinfect solid surfaces, wipe the area with diluted bleach and wipe it dry with a towel. For sinks and bowls, let the diluted bleach stand for about 15 minutes, then wash the surfaces and rinse with water.

TRISTONE recommends that severe damages should be repaired by Certified Fabricator or Solid Surface Repair Agents.

For more information on care and maintenance, please visit our website at www.tristonesurfaces.com and/or contact your local distributor.