

TriStoneTM

ACRYLIC SOLID SURFACES

LION CHEMTECH



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E-mail: marketing@itco-sa.com
www.itco-sa.com

The Truth
of



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.)



TriStone™

GENERAL Series

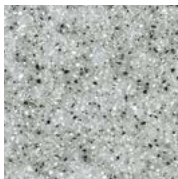
🇪🇺 Available in EU warehouse. 🇲🇪 Available in Middle East.



S-110 🇪🇺 🇲🇪
Cream Sands



S-102 🇪🇺 🇲🇪
Beige Sands



S-111 🇪
Tempest Grey



S-113 🇪 🇲
Irish Cream



S-119 🇪 🇲
Night Sky



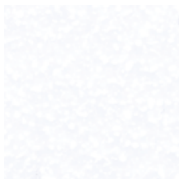
S-202 🇪
Night Pearl



ST-009 🇪 🇲
Snow Range



S-205 🇪
Black Frost



S-207 🇪 🇲
Milky Sands



S-215 🇪
Silver Pearl



ST-116 🇪 🇲
Soil



ST-102 🇪
French Roast



F-309 🇪
Natural Pearl



F-111 🇪
Frost Quartz



F-104 🇪 🇲
Frost Land



ST-118 🇲
Ballast



F-106 🇪
Beige Wales



F-005
Cirrus



F-105 🇪
Gold Twilight



F-109 🇪 🇲
Rocky Mountain



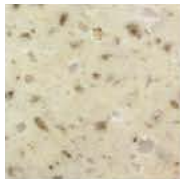
F-323
Swan



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



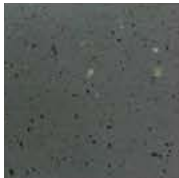
F-308
Almond Crunch



F-329
Monarch



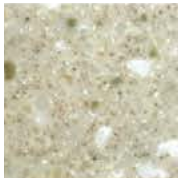
F-211
Sand Crunch



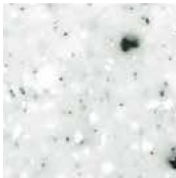
F-218
Velvet



F-327
Gobi



F-331
Griffith



F-203
Black Ice



F-103 🇪
Concord



F-201 🇪 🇲
Indian Ocean



F-204
Starburst

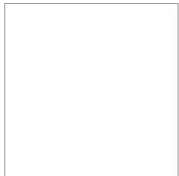




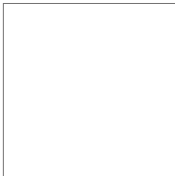
TriStone™

SOLID Series (Acrylic)

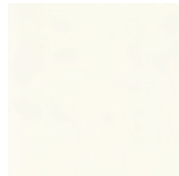
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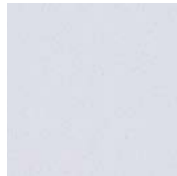
A-104 🇪🇺 🇲🇪
Pure White



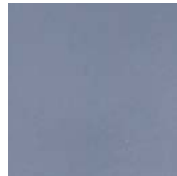
A-119 🇪🇺
Whale White



A-102 🇪🇺 🇲🇪
Beige Cream



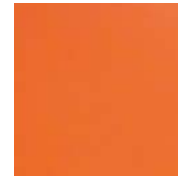
A-210 🇪🇺
Light Grey



A-209 🇪🇺
Metal Grey



A-006 🇪🇺 🇲🇪
Milk Shake



A-203 🇪🇺
Maple



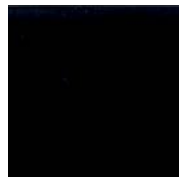
A-201 🇪🇺
Sunset



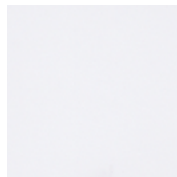
A-202 🇪🇺
Mango



A-115
Deep Sea



A-105 🇪🇺
Dark Cave



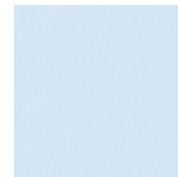
A-109 🇪🇺
Glacier Peak



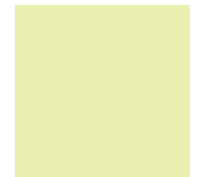
A-103 🇪🇺
Natural White



A-219 🇪🇺
Emerald Sherbet



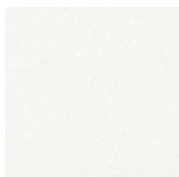
A-220 🇪🇺
Blueberry Sherbet



A-221 🇪🇺
Lemon Sherbet

TriStone™

PEARL Series



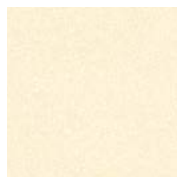
S-203 🇪🇺
Snow Pearl



S-204
Soft Pearl



S-216 🇪🇺 🇲🇪
Grey Pearl



S-230
Sparkling Gold

Color series

A series : Solid colors (normal, special & translucent)

S series : Small chips

ST series : Medium chips

F series : Large chips

T & B series : UP chips

TS & MT series : Transparent chips

V series : Marbled colors





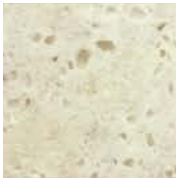
TriStone™

SPECIAL Series

E Available in EU warehouse.
 M Available in Middle East.



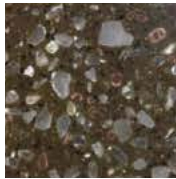
T-001 E M
Chalcedony



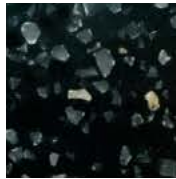
T-112
Echo



T-004 E M
Alexandrite



T-002
Tourmaline



T-005 E M
Onyx



T-003 E
Ambiance



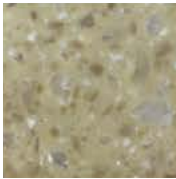
T-008
Zultanite



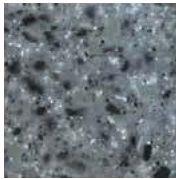
T-113
Mayon



B-003
Tiger Eye



B-006 M
Jasper

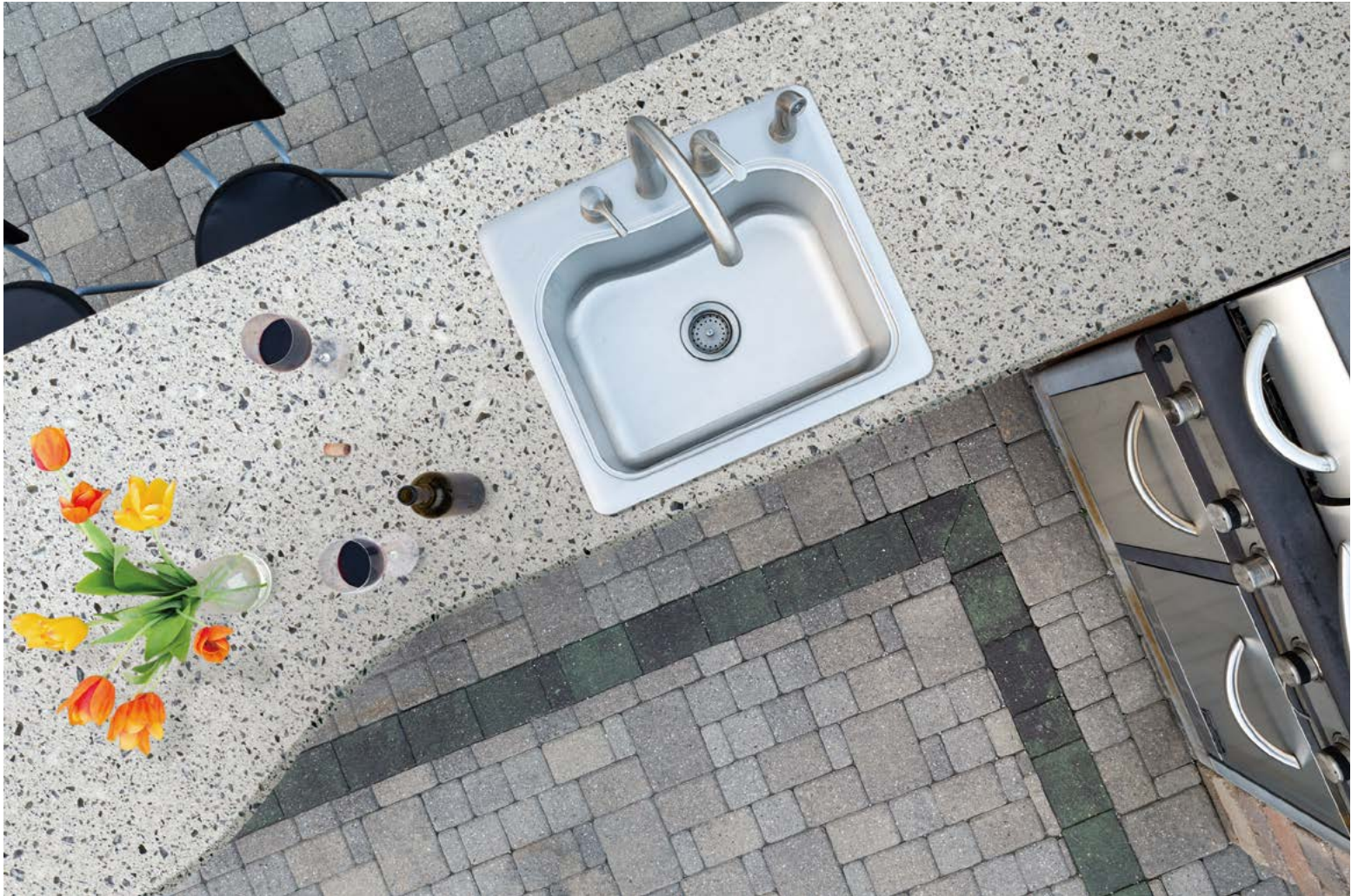


B-005 E
Andradite



B-002
Turmeric





MT-001 Grise

TriStone™

PREMIUM Series

🇪🇺 Available in EU warehouse. 🇲🇪 Available in Middle East.



TS-111 🇪🇺
Iris



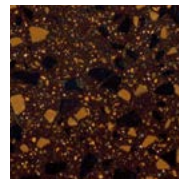
TS-112 🇲🇪
Daisy



TS-107 🇪🇺 🇲🇪
Chrysoberyl



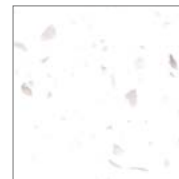
TS-110 🇪🇺
Aragon



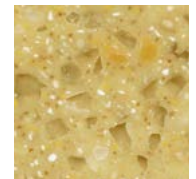
TS-113 🇪🇺
Cromium



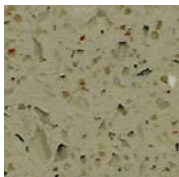
TS-116 🇪🇺 🇲🇪
Latona



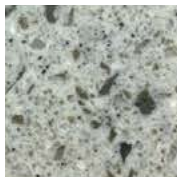
TS-118 🇪🇺 🇲🇪
Antarctic Snow



TS-119 🇪🇺
Red Amber



TS-121 🇪🇺 🇲🇪
Ash



TS-105
Amethyst



TS-117 🇪🇺 🇲🇪
Sauron



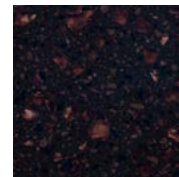
TS-101 🇪🇺 🇲🇪
Antarctic Ice



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

🇪🇺 Available in EU warehouse. 🇲🇪 Available in Middle East.



V-001 🇲🇪

Tijuana



V-103

Camellia



V-004

Shell



V-005 🇲🇪

Dark Wood



V-007

Venice



V-008 🇪🇺 🇲🇪

Moonscape



V-009 🇪🇺

Milk Grotto



V-010

Canyon



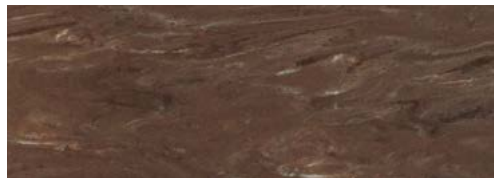
V-111

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-006 🇲🇪

Gold Amber



V-003 🇪🇺

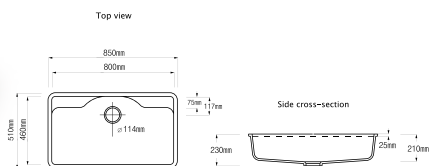
Almond



Tristone will make its position firmly in the world as a practical and solid surface sinks manufacturer by adding new technologies to our accumulated technology.

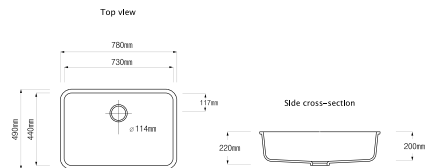
JK 101

L 850x W 510x D 230 mm



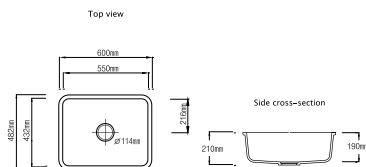
JK 102

L 780 x W 490 x D 220 mm



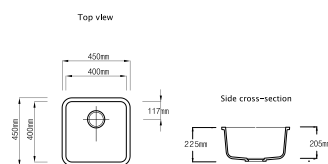
JK 103

L 600 x W 482 x D 210 mm



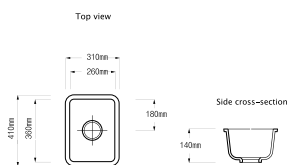
JK 104

L 450 x W 450 x D 225 mm



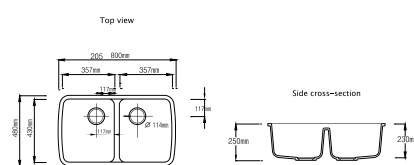
JK 105

L 310 x W 410 x D 140mm



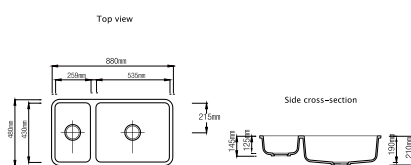
JK 201

L 800x W 480 x D 250 mm



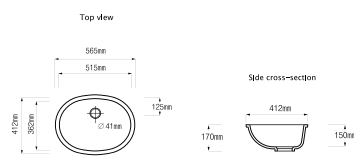
JK 202

L 880 x W 480 x D 210 mm



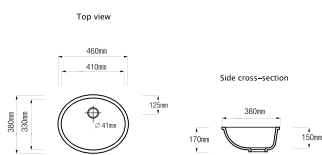
JK 301

L 565 x W 412 x D 170 mm



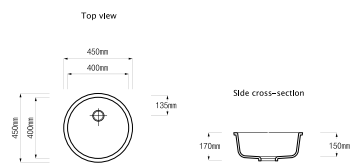
JK 302

L 460 x W 380 x D 170mm



JK 303

L 450 x W 450 x D 170 mm



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

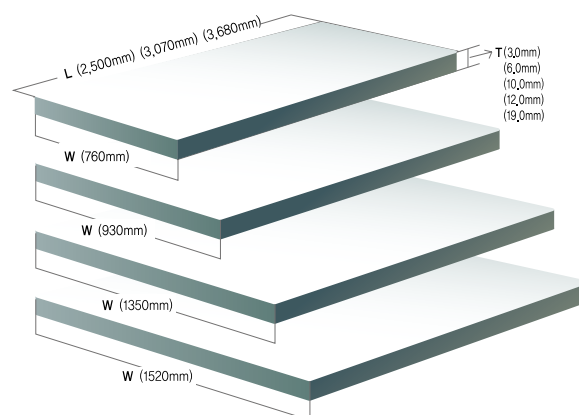
1. Misuse
2. Abuse
3. Improper installation or maintenance
4. Failure to follow instructions provided in Lion Chemtech’s User Guide (available at www.tristonesurfaces.com) including, but not limited to, fabrication, installation, care, maintenance, etc.
5. Physical, chemical or other abuse including, 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.



Cartridge
(50ml, 75ml, 250ml)



Tube 70g



Dispenser
(50ml, 75ml, 250ml)

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.

TriStoneTM
Acrylic Solid Surface

TRISTONE 1,520mm pop up!





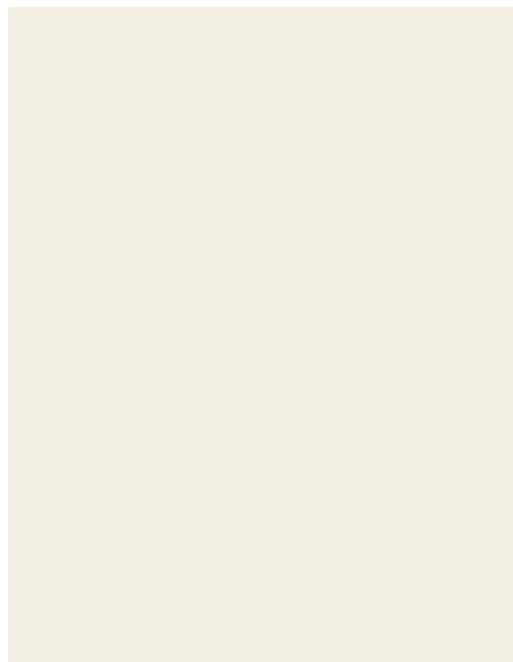
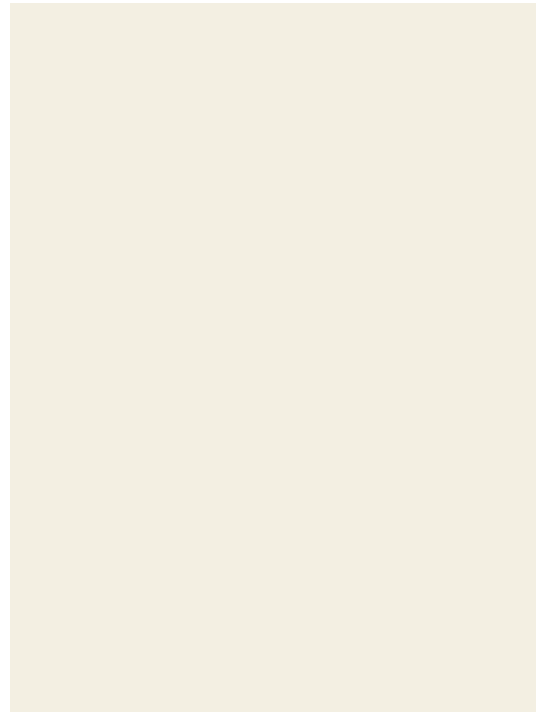
Introduction

Why Tristone 1520mm Size ?

We are able to produce various sizes from 6 to 19mm thickness,
also can produce wider sheets by 1,520mm width.

1,520mm will be available from the 1st November in 2018.

- * An easy and costeffective solution for making seamless wider kitchentop and worktop.***
- * Significantly reduce the fabrication time.***
- * No joints & No Glue.***
- * Fabricators to fulfill large-scale projects in limited times.***



Introduction

| Container Loading |

size	6x1350x2500mm	12x1350x3680mm	12x1520x3680mm	ref
	(3.38sqm)	(4.97sqm)	(5.59sqm)	
weight/sheet	36kgs	106kgs	120kgs	
loading Q'ty/pallet	40 sheet	15 sheet	12 sheet	
max sheets/20ft	360 sheet	90 sheet	84 sheet	
max sheets/40ft	600 sheet	210 sheet	190 sheet	
mixed sheets/20ft (appr.)	wider: 360 sheet + standard: 100 sheet	wider: 90 sheet + standard: 100 sheet	wider: 84 sheet + standard: 100 sheet	10% More or less
mixed sheets/40ft	discuss	discuss	discuss	
MOQ per order	120 sheet	30 sheet	24 sheet	
Color available	Solid/Small chip	Solid/Small chip	Solid/Small chip	

| Available Colors |

Thickness(mm)	Width(mm)	Length(mm)	Series Available
6	1,350/1,520	2500 & 3070	A, S, ST / Series
9		3070 & 3680	A, S, ST / Series
10		3070 & 3680	A, S, ST / Series
12		3070 & 3680	All Series
19		3070 & 3680	All Series

| Standard Size |

