

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.

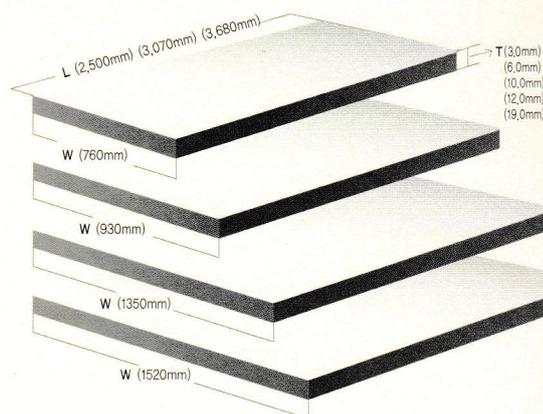
THIS WARRANTY DOES NOT COVER THE FOLLOWING

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.