

solid surface table tops

technical information

June 2012

MARNEAUX®

Landscape Forms' Marneaux® table-tops are made from non-porous, man-made solid surface material.

Marneaux® is comprised of a mixture of 100% acrylic resin polymer and alumina trihydrate fillers. Tabletop thickness varies from 1-5/16" at the edge and center, tapering to 9/16" minimum across the section.

The stone-like appearance of this superior material has the elegance of real stone, but with greater resistance to staining and damage. It resists scratching, staining, chipping and cracking. While other table top materials may fade or chip, Marneaux® can take abuse and retain its "like new" appeal with minimal maintenance. Weather and UV rays have virtually no effect on the "throughbody" color or structural integrity. Most scratches and graffiti can be buffed out.

Tested and approved by the National Sanitation Foundation, its inert, nonporous surface will not support the growth of bacteria and is ideal for food service and health care facilities.

FINISH AND COLORS

The finish is a standard solid surface matte finish approximating 220 grit sandpaper. Several standard colors are available. Optional colors are available for an upcharge.

STAIN AND CHEMICAL RESISTANCE

The test method used was NEMA LD3-3.09. No lasting effect was noted after the prescribed exposure to 29 common reagents.

CLASS I FLAMMABILITY RATING

Marneaux® has a Class 1 flammability rating (CI) making it suitable for virtually all horizontal and vertical surfaces in public places.

MAINTENANCE

Marneaux® solid surfaces may be easily cleaned using conventional cleaning agents such as an ammonia-based liquid cleaner (glass cleaner). Dry stains can be removed with a Scotch-Brite scouring pad by 3M (or equivalent), or a mild abrasive cleaner. Burns or scorching can be removed by sanding with coarse grit sandpaper followed by finer grit sandpaper. Follow sanding with a Scotch-Brite 7447 red pad by 3M (or equivalent) to match finish of sanded area to surrounding area.

SAMPLES

To receive a sample, contact the Landscape Forms Sales/Service team at 800.521.2546.

MECHANICAL PROPERTIES

Property	Test Method	Typical Value
Specific gravity	Grams/in ³	27.7
Hardness	ASTM D2583	60
Elongation (%)	ASTM D638	2.2
Tensile strength (psi)	ASTM D638	4,200
Tensile modulus	ASTM D638	11 x 10 ⁵
Water absorption after 24 hours (%)	ASTM D570	0.07
Izod impact foot pounds/in.	ASTM D256	0.3
Impact resistance 1/2 pound	NEMA LD3-3.3	No fracture
Coefficient linear thermal expansion	ASTM D696	2.0 x 10 ⁵
High temperature resistance	NEMA LD3-3.5	slight effect
Stain resistance	NEMA LD3-3.09	no effect
Weight per square foot, 1/2" thickness, pounds		4.4
Flame spread classification	ASTM E84	I