

Terreon® Solid Surface Material

Product Description

Terreon is a densified homogeneous solid surface material made from a blend of acrylic modified polyester resin with UV stabilizer, alumina tri-hydrate and mineral fillers.

Product Qualities

Terreon has a number of inherent qualities which allow the product to withstand high volume commercial traffic, as well as resist vandalism. These include, but are not limited to the following:

- Durable, long-lasting material
- Smooth, non-porous surface
- Easy to clean and maintain
- Additives in the resins decrease fungical and bacterial accumulation
- Chemical and stain resistant
- Impact and scratch resistant, therefore deterring vandalism
- Easy to repair; unlikely surface damage can be easily and inexpensively repaired using the Terreon repair kit
- Resistant to heat and water damage
- Terreon joint kits allow for flexibility on various applications where continuous surface lengths greater than 120" are specified
- 18 available colors allow versatility in design options
- Homogenous composition allows for even distribution of color throughout material
- UV light resistant, latest technology in UV light stabilizers
- Terreon is workable using standard power tools
- Standard thickness of all Terreon products is 1/2"

Physical Properties

Physical Properties	Test Result	Test Method
Liquid Absorption025% 24 hours.....	ASTM D570
Izod Impact44 ft. lb./in.....	ASTM D256, Method A
Tensile Strength	5000 psi.....	ASTM D638
Thermal Expansion	2.30.....	ASTM D696
Hardness	55-60.....	ASTM D785, Barcol
Stain Resistance	No Effect.....	NEMA LD3
Boiling Water Resistance	No Effect.....	NEMA LD3-3.05
High Temperature Resistance	No Effect.....	NEMA LD3-3.06
Impact	No Fracture.....	ANSI Z124.3
Fire Resistance, Flame & Smoke	Class 1.....	ASTM E84
Approximate Weight lbs./s.f. 1/2"	4.68	

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ANSI Standards and the Terreon Comparison

ANSI Standards:

Terreon® is NAHB certified to meet ANSI tolerances for plastic lavatories and plastic sinks, Z124.3 and Z124.6 respectively. Terreon® sheet material is certified to meet ANSI/ICPA SS-1-2001.



Here's how Terreon performs on critical test criteria:

Physical Properties	ANSI Test	Terreon
Surface Integrity.....	3.3	Free of cracks, chips and blisters
Subsurface Integrity.....	3.4	Free of blemishes and voids
Strength of Drain Connection (25 lbs at 24"-3 positions).....	4.2	Free of cracks
Impact Load Resistance (1/2 lb. ball at 20").....	4.3	Free of cracks
Cracks under Load..... (300 lbs)	4.4	No cracks
Colorfastness..... (200 hours, ASTM D2565-85)	5.1	No significant color change
Stain Resistance.....	5.2	Ten of ten stains removed, no loss of material thickness
Wear and Cleanability (10,000 cycles, & white light reflectance loss).....	5.3	.019
Cigarette Burn Resistance.....	5.4	No effect after cleaning
Water Resistance (500 cycles).....	6.3.2	Pass
Knife Drop (1 oz. steel, 24" height).....	4.2.2	No cracks or chips
Skillet Drop (4-1/2 lb, 12" height).....	4.2.3	No cracks or chips
Heated Pan (3 applications at 365° F).....	5.6	No cracks, crazing or blisters
Hot Wax (10 oz., 365° F).....	5.7	No cracks, crazing or blisters

Care and Maintenance of Solid Surface

Modern technology allows for easy care and maintenance of solid surface material. The maintenance tips are as follows:

- For regular cleaning, use standard commercial or household products such as Formula 409® or Windex®.
- Remove tough stains with Ajax®, Comet® or Soft-Scrub® and a green Scotch-Brite® pad or lightly sand in a circular motion with 240 grit wet/dry sandpaper. The finish can be renewed with a maroon Scotch-Brite® pad.
- Remove scratches with a green Scotch-Brite® pad. The finish can be renewed with a maroon Scotch-Brite® pad. Remove hard water build-up with a mild solution of vinegar and water.
- Refresh and protect the surface with Hope's® Solid Surface Cleaner and Polish.
- Avoid contact with harsh chemicals such as paint remover, bleach, acetone, etc.
- Avoid unnecessary or prolonged contact with hot pans and objects.

Additional product literature available through Bradley's fax-on-demand service at 1-800-BRADFAX or visit us on the internet at www.bradleycorp.com.

* Use of brand names is intended only to indicate a type of cleaner. This does not constitute an endorsement. Nor does the omission of any brand name cleaner imply its inadequacy. Many products named are regional in distribution, and can be found in local supermarkets, department and hardware stores, or through your cleaning service.

** It is emphasized that all products should be used in strict accordance with package instructions.