Terreon® Solid Surface Material
Terreon®RE Recycled Solid Surface Material

Product Description

Terreon® is a densified solid surface material made from a blend of acrylic modified polyester resin with UV stabilizer, alumina tri-hydrate and mineral fillers. Terreon®RE is a densified solid surface material composed of 8% bio-based resin and 25% pre-consumer recycled granules. The materials are then bound by a two-step catalyst that elevates the set-up temperature to 230° F. Terreon and TerreonRE are certified by NAHB to meet ANSI Z124.3, Z124.6 and ANSI/ICPA SS-1-2001. Terreon and TerreonRE are GREENGUARD® certified as low-emitting materials. Terreon and Terreon RE feature a 10-year warranty.

Product Qualities

Terreon and Terreon RE have a number of inherent qualities which allow the products 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, absence of cracks or crevices prevent bacteria and mold from accumulating
- 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 and TerreonRE repair kits
- Resistant to heat and water damage
- Terreon and TerreonRE seam kits allow for flexibility on various applications where continuous surface lengths greater than 120" are specified
- 34 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 and Terreon RE are workable using standard power tools
- Standard thickness of all Terreon and TerreonRE products is ½".

Care and Maintenance of Solid Surface

- 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.
- Do not use strong acid or alkaline chemicals and cleansers to clean Terreon. If these chemicals come in contact with the Terreon surface, wipe them off immediately and rinse the surface with soapy water.
- Bradley recommends additional care and maintenance for the darker colored Terreon. For more information, visit bradleycorp.com.
- Terreon repair kits are available. For more information and pricing, contact your Bradley representative or distributor.

☑ Use of brand names is intended only to indicate a type of cleaner. This does not constitute an endorsement.

☑ All products should be used in strict accordance with package instructions.

Physical Properties

Physical Properties	Test Result	Test Method
Liquid Absorption	0.025% 24 hours	ASTM D570
Izod Impact	0.44 ft. lb./in	ASTM D256, Method A
Tensile Strength	5000 psi	ASTM D638
Thermal Expansion	2.30 e-05 in/in/f	ASTM D696
Hardness	55–60	ASTM D2583, 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
Fire Resistance, Flame & Smoke (CAN)	FSR = 5, SDC = 45	CAN/ULC-S102-10
Approximate Weight lbs./s.f. ½"	4.68	

ANSI Standards and the Terreon Comparison

Terreon meets the American National Standards Institute (ANSI) tolerances for plastic lavatories and plastic sinks, Z124.3 and Z124.6 respectively. Here's how Terreon and TerreonRE perform 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 (½ 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 (4½ 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

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