



Terreon® Solid Surface Material

Terreon®RE Recycled Solid Surface Material

Product Description

Terreon® and Terreon®RE are densified solid surface materials made from a bio-based resin with UV stabilizer, alumina tri-hydrate and mineral fillers. Terreon®RE is composed of 25% pre-consumer recycled granules. Terreon and TerreonRE are GREENGUARD® certified as low-emitting materials. Terreon basins and plumbed products are listed by IAPMO R&T to IGC 156 and the requirements of CSA B45.5/IAPMO Z124 and ASME A112.18.1/CSA B125.1. Non-plumbed Terreon products comply with the requirements of CSA B45.5/IAPMO Z124. Terreon and TerreonRE feature a 10-year warranty.

- Aggregate flow and distribution can vary from product to product creating natural characteristics.

Product Qualities

Terreon and TerreonRE 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:

- Smooth, non-porous surface
- Easy to clean and maintain, absence of cracks or crevices prevent bacteria and mold from accumulating
- UV, chemical, stain, impact, heat and scratch resistant
- Easy to repair with Bradley Terreon repair kits
- Seam kits allow for continuous surface lengths greater than 120"
- Variety of colors available that allow for versatility in design options
- Homogenous composition allows for even distribution of color throughout material
- Terreon and TerreonRE can easily be trimmed or drilled in the field
- Terreon and TerreonRE products are minimum 1/2" thick.

Care and Maintenance of Solid Surface

- For regular cleaning, use mild neutral base cleaners.
- Remove tough stains with Soft-Scrub® and a green Scotch-Brite® pad or lightly sand in a circular motion with 240 grit wet/dry sandpaper.
- 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 Perfect Countertop.
- Avoid contact with harsh chemicals such as paint remover, bleach, acetone, chloride cleaners, floor cleaners, etc.
- Dark Terreon colors may require additional care and maintenance. For more information, visit bradleycorp.com and search for "restoring the finish"

- 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.

- 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
Fire Resistance, Flame & Smoke	Class 1	ASTM E84
Fire Resistance, Flame & Smoke (CAN)	FSR = 5, SDC = 45	CAN/ULC-S102-10
Approximate Weight lb/s.f. 1/2"	4.68	

ANSI Standards

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 lb 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 lb)	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	0.019
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

