

TERREWALKS®

from RUBBERSIDEWALKS, Inc.



The unbreakable alternative to broken sidewalks

from this



- No breaking, chipping, or cracking – ever
- Performs in all climates
- Easy installation
- Lowest cost, safest and most comfortable sidewalk
- Specified by cities, counties, state DOTs, and architects nationwide
- Reduces stormwater run-off, saves trees & stops trip hazards
- Interlocking system designed for permanent and temporary installations
- LEED and LID Qualified
- Low Impact Paving

to this



**Interlocking modular non concrete paving systems.
100% recycled post consumer waste plastic.**

TERREWALKS® are the sidewalks of the future. This alternative to concrete sidewalks and pathways is cost-effective and contributes multiple points toward LEED® and SITES™ certification—including 100% recycled, reduced heat island effect, storm water management, and innovative design.

For cities and site managers struggling with public safety and the chronic cost of replacing broken sidewalks, **TERREWALKS®** is your solution.

Designed to accommodate tree root growth, frost heave and vehicular traffic without damage, **TERREWALKS®** provides immediate cost savings.

Architects and designers looking for beautiful, stylish and LEED-worthy pavement will find **TERREWALKS®** exceeds all expectations. Available in a surface resembling granite, marble and stone, **TERREWALKS®** is the ultimate pavement choice for Green building and landscapes.

TERREWALKS® is fabricated with patented low energy technology that produces uniquely high performance, durable and attractive pavement.

Start saving now as you pave your way to the future.



TERREWALKS®

PRODUCT DESCRIPTION

TERREWALKS® are modular interlocking paving tiles made of 100% postconsumer waste plastic. TERREWALKS® meets all requirements of sidewalk-worthiness, including stable grade, non-vibration in compliance with ADA requirements, and high coefficient of friction for non-skid both dry and wet.

Material:	100% waste postconsumer plastic molded under compression with low carbon footprint manufacturing. (No fillers, no polyurethane, no EPDM.)
Size:	2' x 2.5' x 1.875". Tabs extend additional 1.5" per side on all sides/ designed for 4' or 5' wide sidewalks.
Weight:	7 lbs. per square foot (35 lbs. per paving tile).
Color:	Classic: Concrete buff (pale sandy gray)
Surface Design:	Flat except for slight center crown feature designed to direct water to seams and provide comfort.
Under-base:	Patented channel design system to facilitate water drainage and accommodate tree root growth.
Hardness:	Shore A 93.
Shock Attenuation:	ASTM F355: Shock Absorbing Properties of Play Surfaces. G-max average: 489. Fall significantly less likely than on concrete to cause injury or broken bones. Product is not designed for playground use and is not a playground material.
Coefficient of Friction:	TERREWALKS®: ASTM C 1028: Dry=0.72; Wet=0.62. (OSHA guidelines require that all walking surfaces satisfy a 0.5 Static Coefficient of Friction rating; dry ratings exceed wet ratings. In new construction and alterations, ADA specifies that all walkways be stable, firm and slip resistant.)
Taber-Abrasion:	ASTM D 3884: 1,000g weight load , H-22 (high abrasion) wheels at 12,000 cycles Material loss of 5.06% indicates high wear property.
Proof Load H-20:	40,000 pound proof load, 2.5 times safety factor over 16,000 pound requirement of H-20 or HS-20
Compression Tolerance:	ASTM D 4762: 50,000 5149 PSI Recovered 94%.
Salt/Chloride & Magnesium Chloride Exposure:	ASTM B117: Product exposed for 24 hours. No change in surface; no stain or residue.
Xenon Arc Weathering:	200 hours UV testing. Lighting equivalent to outdoor daylight conditions and temperatures not exceeding 140 degrees Fahrenheit. No change after exposure to sunlight two-year equivalent.
Flame Spread:	ASTM E 162: Index 131.18 at average temperature of 157.7 C (Surface flammability ANSI Z124.1 and Z124.1 allows Index of 450 or less). If exposed to open, constant fire, pavers are likely to smolder. Lit cigarettes, cigars or matches can burn on paver until they self-extinguish.
Porosity:	DIN 18035: Average time through 6" interconnected seam zone: 97.5" per hour. Indicates high permeability and water capture with no pooling. Underbase channel systems promotes water capture and immediate drainage.
Thermal Emittance:	.83
Solar Reflectance:	.402
Solar Reflectance Index:	44.26
Freeze-Thaw:	ASTM C 1026: Product exposed to 15 cycles of freeze-thaw at 0 Degrees. No change. No facial defects. No signs of crazing, chipping, spalling or cracking.
Freeze Impact:	ASTM D 6944: Product frozen at 0 degrees was subjected to missile impact with no change.
Optical Density of Smoke:	E662: Average Dm Corrected Flaming: 197 Non-Flaming 120 (450 or less is passing score).
Maintenance:	Sweep, hose down, mop, steam clean.
LEED Credit:	Qualifies for possible 5 LEED credits for recycled content, storm water drainage, heat island effect, innovative design, and regional materials.
Sound:	TERREWALKS® reduces sound of pedestrian or wheeled traffic.
ADA Compliance:	Low vibration; concrete-to- TERREWALKS® transition non-affected; high coefficient of friction both dry and wet; Shore A hardness supports all pedestrian and wheeled traffic, and transition on and off concrete or other hardscape. Product designed for 4 foot minimum width.
Modularity:	TERREWALKS® is a modular system. Pavers are interconnected with patented design and can be opened by professional contractors for tree root maintenance, utilities access, seismic adjustment, relocation, etc.
Other:	Trench requirement 4" total with 2" permeable aggregate base material, for vehicle traffic 6" total with 4" base material. All components inert, non-toxic solids. No volatile organic compounds. No latex content.

All tests conducted and reported by accredited U.S. testing companies and performed under continuous direct supervision.

SOLE SOURCE

TERREWALKS® is a sole source product, developed exclusively by Rubbersidewalks, Inc. for the public right of way and other landscaping applications, marketed and manufactured by Rubbersidewalks, Inc. TERREWALKS® modular sidewalk system has been proven effective for use in public right of way applications (sidewalks, walkways, tree wells), and proven beneficial to the health and maintenance of urban trees. Rubbersidewalks, Inc. is a small, and woman-owned, California business.

You will find all our products listed on CADDetails.com, including CAD drawings, technical data and all information needed to specify our products in your plans. Feel free to contact us or visit our website for more information, and for a quote.



Contact Us to Discuss Sales Representative or Distributor Opportunities

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