

*Easy on the Legs...
Great on the Environment.*

TERREWALKS®



- Interlocking, modular pavement
- Made in the USA from 100% recycled plastic which eliminates the cost and risk of broken concrete
- Channeled underside for maximum storm water management and tree root accommodation
- Fast, clean, easy, secure installation lowers labor costs
- Looks like concrete but 1/8th the weight
- Maintainable, cleanable, stain-resistant
- Safe, comfortable, ADA compliant





TERREWALKS®

TERREWALKS® are modular interlocking paving tiles made of 100% recycled 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.

SPECIFICATIONS

Material:	100% waste plastic molded under compression with low carbon footprint manufacturing.
Size:	2' x 2.5' x 1.75". Tabs extend additional 1.5" per side on all sides/ designed for 4' or 5' wide sidewalks.
Weight:	Approx. 5 lbs. per square foot (25 lbs per paving tile).
Color:	Concrete (beige gray)
Underside:	Patented channel design system to facilitate water reservoiring and percolation as well as 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 C1028: 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 C1353: 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 D4762: 50,000 5149 PSI Recovered 94%.
Instron® Compression:	1471 PSI-1276 PSI at material temperature ranging from -20° to +120°.
Salt/Chloride & Magnesium Chloride Exposure:	ASTM B117: Product exposed for 24 hours. No change in surface; no stain or residue.
Xenon Arc Weathering:	ASTM E162: 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.
Water Infiltration:	ASTM C1701 Infiltration: 420 cu in/hr.; Percentage Open Space: 20% ; Run-off Coefficient: 0; Percentage void base: 75%; Percentage void entire paver: 43%.
R-Value:	ASTM C518: Thermal Resistance 1.480; Thermal Resistance/inch .822; Thermal Conductivity 1.215.
Thermal Emittance:	ASTM C1371: 0.88.
Freeze-Thaw:	ASTM C1026: 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 D6944: Product frozen at 0 degrees was subjected to missile impact with no change.
Maintenance:	Sweep, hose down, mop, steam clean.
LEED Credit:	Contributes to LEED® and SITES™ certification in areas of 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 TERREPLASTICS LLC. for the public right of way and other landscaping applications, marketed and manufactured by TERREPLASTICS LLC. 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. Product is made in America.