

PROBLEM

Concrete sidewalks next to trees will break, uplift, and create trip hazard



TERRECON™



RUBBERSIDEWALKS™

SOLUTION



MODULAR RECYCLED RUBBER PAVEMENT AND TREE WELL SYSTEMS

Unbreakable pavers accommodate tree root growth while providing a safe surface for walkway and tree well sites. Superior perviousness for storm water management, and tree health.

THREE YEARS LATER

Tree roots grow less invasively under Rubbersidewalks™ allowing a new strategy for tree root maintenance.



RUBBERSIDEWALKS™

Modular recycled-tire-rubber interlocking sidewalk paving system.

PRODUCT DESCRIPTION

Rubbersidewalks™ are made from 100% recycled crumb rubber from waste tires, mixed with polyurethane resin and colorant, and molded under pressure using steam-generated heat to reduce energy demands. This produces a strong and durable part that 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. Rubbersidewalks™ are hard enough for skateboarders, rollerblades and spikes, yet resilient enough to provide safe passage for all pedestrian and wheeled traffic. Pavers are available in various sizes and colors, and are reversible. Expected life is minimum 20 years.

RUBBERSIDEWALKS™ INSTALLATION

Rubbersidewalks™ must be installed by an interlocking paver professional. The characteristics and requirements for every site and application of Rubbersidewalks™ are unique and must be taken into consideration prior to Rubbersidewalks™ installation. Please consult a qualified arborist when working near trees and tree roots.

Rubbersidewalks™ Installation manual can be found at www.terrecon.com (Support, Installation Info)

RUBBERSIDEWALKS™ PRICING

Rubbersidewalks™ is priced by the square foot (all accessories included), plus shipping and tax where applicable.

Material:	100% recycled-waste-tire crumb rubber, urethane resin binder & colorant.
Size:	2' x 2.5' x 1.875" = 5 sq ft paving tile (for use in sets as 4, 5 or 6 foot wide sidewalks).
Weight:	10.8 lbs per square foot (54 lbs per paving tile).
Surface:	Crumb rubber molded texture, all edges 1/8" radius/chamfer (both sides identical)
Colors:	Gray, terra cotta, green, black with white chip (additional colors available upon request). Paver expected to darken slightly in the first two months then remain stable. UV lab tests show no change after two years. Surface appearance may vary due to inconsistency in granulated waste tire rubber.
Maintenance:	Sweep, hose down, mop, pressure washer.
Weight Load:	3,000 pounds per square inch.
Shock Attenuation:	ASTM F355: 187 G-max. Fall significantly less likely to cause injury or broken bones than on concrete.
Coefficient of Friction:	ASTM C 1028: 0.90 dry; 0.65 wet (OSHA guidelines require that all walking surfaces satisfy a 0.5 Static Coefficient of Friction rating. In new construction and alterations, ADA specifies that a 0.6 Coefficient of Friction is recommended on all path of travel surfaces).
Taber-Abrasion:	ASTM C 501: 270 (indicates high resistance to wear).
Salt/Chloride:	ASTM B117: No change in surface; no stain or residue.
Magnesium Chloride Soak:	No change in surface; no stain or residue.
Xenon Arc Weathering:	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.
Permeability/Porosity:	ASTM C 1701 420"/hr. Permeable at module seams; immediate drainage of water into ground; minimal run off into storm drain.
Freeze-Thaw:	ASTM C 1026: Product exposed to 15 cycles of freeze-thaw at 0 degrees for 90 days. No change. No facial defects. No signs of crazing, chipping, spalling or cracking. Product frozen at 0 degrees was subjected to impact with no change.
Temperature/Thermal:	Less than 2% thermal expansion/contraction when subjected to laboratory testing temperature ranges from -5 degrees to 165 degrees F.
ADA Compliance:	Low vibration; concrete-to-Rubbersidewalks™ transition imperceptible; high coefficient of friction both dry and wet; surface hardness supports all pedestrian and wheeled traffic.
Modularity:	Rubbersidewalks™ is a modular sidewalk system. Pavers are interconnected and can be periodically opened for tree root or seismic maintenance.
LEED Credit:	Rubbersidewalks™ qualifies for a minimum 4-6 LEED credits for Recycled Content, Heat Island Affect Non-Roof and Regional Materials.
Other:	<ul style="list-style-type: none"> • 100% California recycled tire rubber, with polyurethane binder. Non-toxic. All components inert solids. No volatile organic compounds. • Rubbersidewalks™ reduces sound of all pedestrian or wheeled traffic. • Product does not leach, off-gas, or produce rubber dust particles.

SOLE SOURCE

Rubbersidewalks™ is a sole source product, developed exclusively by Terrecon, Inc. for the public right of way and other landscaping applications, marketed and manufactured by TERRECON, Inc. Rubbersidewalks™ modular sidewalk system has been tested and 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. Accept NO substitutes. There is only one Rubbersidewalks™. Products called Rubber Sidewalk, Rubber Sidewalks, or Rubbersidewalk are not the equivalent of Rubbersidewalks™, and are NOT REAL Rubbersidewalks™.

TERRECON, Inc. is a small, California business.

Please visit www.TERRECON.com for additional product information and installation support



*The resources of the earth
are limited. Recycling
is limited only by our
imagination and effort.*

TERRECON, Inc. Ph 714 964 1400 • Fax 714 964 8600
10061 Talbert Ave. #200, Fountain Valley, CA 92708
E-mail: info@terrecon.com • Web: www.Terrecon.com

Design/Printing funded by California CalRecycle Grant Program



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