



RUBBERWAY® Unitary Paving System Fact Sheet

RUBBERWAY® paving systems provide a superior, cost-effective and LEED accredited alternative to asphalt, concrete, and preformed pavers. This system offers diverse options to challenges related to construction and pavement infrastructure.

City and public works departments are constantly faced with the public safety concerns and financial burdens posed by sidewalks damaged by tree roots, freeze-thaw, and vehicular traffic.

Cost Benefit Analysis

- RUBBERWAY® will greatly reduce injuries from tripping and falling accidents and potential liabilities
- RUBBERWAY® systems are unitary and need little maintenance
- RUBBERWAY® systems can be repaired on-site if vandalized or otherwise damaged
- RUBBERWAY® systems that require a color wear layer can be “re- topped” replacing the wear layer thus further reducing a total replacement cost and eventual renewal costs
- RUBBERWAY® products don’t yellow or darken with age and last at least 7 or 8 years before needing re-topping. When solid black or pigmented systems are selected they offer extreme porosity and up to a 15 year life expectancy.

Benefits of RUBBERWAY pavements for tree care, sidewalks, walkways, tracks, parking lots

- RUBBERWAY® systems are Recycled, Flexible and Porous
- Variable densities allow a range of resilience to suit the type of traffic anticipated
- Monolithic construction eliminates cross path seams and raised edges to greatly reduce tripping and falling
- Poured-and-paved installation allows easy shaping around obstacles and follows curves in the pathways
- Offer virtually unlimited texture and color combinations to suit the application
- Systems can withstand a 30 ton weight load

Benefits of RUBBERWAY for the Environment

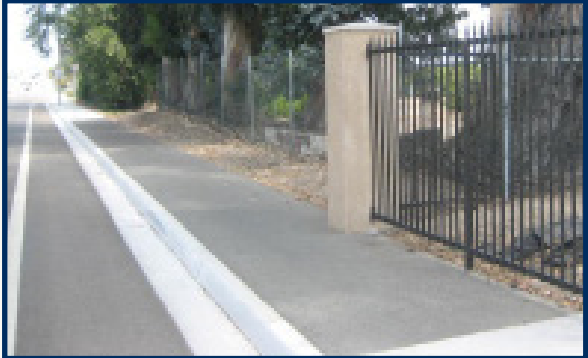
- RUBBERWAY® products are permeable, allowing moisture penetration to the substrate and reducing storm water run off
- Provides resistance to freeze / thaw
Will help to preserve the urban forest by reducing the necessity for tree removal
- Safe, non-toxic, no VOC's , sound absorbing, flame resistant and uses regionally obtained recycled rubber and local materials
- Environmentally friendly using recycled rubber from tires, shoe soles and industrial rubber
- At the end of its life it can itself be recycled and used again to create new sidewalks and tree wells

Currently installed	700,000 sq. ft.
Average cost/sq ft. material	\$4.75
Size limitations	none
Installation method.....	poured to form



Over 300,000,000 scrap tires are disposed of in the United States every year creating 3,600 million pounds of waste rubber.

Each square foot of RubberWay® recycles rubber from one scrap tire.





COMPETITIVE ANALYSIS

Benefits	RubberWay®	Rubbersidewalks Pavers	Concrete	Asphalt
Estimated Life Cycle	12 Years	3 Years	2-5 Years	2 Years
Installed Material Cost	With pigment \$4.95 color coat \$7.00	\$16.00 sq ft	\$12.00 sq ft	\$5-8.00 sq ft
Crew Needed	3 Man Crew	2 Man Crew	4 Man Crew	4 Man Crew
Completion Time	2000 sq ft/day	500 sq ft/day	2000 sq ft/day	2000 sq ft/day
Recycled Material Content	100%	100%	Low	Low
ADA Compliance	Very low vibration	Low vibration	High vibration	High Vibration
Size	Unlimited	2'x2.5'x1.875"	Unlimited	Unlimited
Weight	9 lbs/sq ft.	10.8 lbs/sq ft	93.75 lbs/sq ft	24.5 lbs/sq ft
Appearance Changes	None	Darkens over time	Cracking, Staining	Chipping, Holes
Mass Changes	None	Some settling	Lifting, Breaking	Deterioration
Trip Hazard	None	High at lifted seams	High at seams, Cracks	Medium through breaking
Maintainability	Very Low	Moderate	Low	Moderate
Walking Comfort	Highest	Moderate	Low	Low
Porosity	Highest	Only at seams	None (0"/hr)	Low (.2"/hr)
Follow Curves, Obstacles	Yes	No	Yes	Yes
Re-Topping	Easy	No	Difficult	Moderate
Patch Repairing	Almost invisible	Difficult (variable density)	Poor	Poor

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