



Aspire for



**DURO-LAST**  
THE WORLD'S BEST ROOF®

# ROOFTOP PAVER SOLUTIONS

THE LIGHTWEIGHT, SUSTAINABLE ALTERNATIVE TO PEDESTAL SYSTEMS





# Creating Useful, Sustainable Spaces

## Creativity in Roofing

Taking roofs to new heights! Business owners, architects and designers are constantly looking for creative ways to harness the untapped potential of underutilized spaces in their buildings. Low-sloped rooftops offer a variety of opportunities to create an appealing atmosphere for customers and tenants to get outside, find solitude or a place to gather with friends and coworkers.

## Bring Life to the Roof

Gardens, seating areas, fireplaces and water features create a pleasant parklike setting in the middle of a city or business complex. Hotels and business complexes can create additional revenue by utilizing rooftops for bars, restaurants and events. Apartments and condominiums can create a more inviting and valuable property to attract customers and earn more revenue.





## Challenges of Typical Pedestal Systems

### Lose The Added Weight

Utilizing roof space also has its challenges. The added weight of a rooftop deck system can put added stress on the building and require design changes to handle the extra load. A typical pedestal system can add 10 to 20 lbs. per square foot.

### Rooftop Paver Maintenance

Standard concrete pedestal systems may require adjustments and maintenance over time to maintain their level walking surface. They are also susceptible to chipping and cracking, which may require complete replacement. In some instances, regular sealer applications are necessary to reduce paver staining.

### Roof Membranes Under Pavers

When the roof membrane below needs to be accessed for regular maintenance or to repair a leak, it can be difficult and time consuming for the maintenance crew to remove the system, perform repairs and then put the system back properly. A specialized crew may be required to remove and replace the system for the maintenance crew.







## Aspire to a Better, Sustainable Solution

There is an alternative solution to a pedestal system — the Aspire Roof Top Paver System. Aspire is a Composite Paver System made from post-consumer recycled materials, primarily rubber tires and plastic containers. Not only does this make a sturdy and long-lasting product, for every 600 square feet of composite pavers, 250 tires and 7,500 plastic containers are diverted from the landfill. So not only are you getting a practical and useful product, you are helping to make a more sustainable planet. Plus, using a paver system made from recycled materials can contribute to LEED points and help your project achieve a higher LEED certification.



# Why Aspire Pavers for Commercial Installations?



## Faster & Less Labor

The lightweight nature of Aspire pavers makes them easier to handle and install, but the real key to the system is the patented Installation Grid. The grid takes all the guesswork and alignment time out of the installation process. It is designed to both align the pavers and keep them in place. Each paver is placed quickly and easily, saving up to three times the labor of a traditional paver system.



## Interlocking Method

The grids themselves do not snap together. They are simply placed side by side. The key to the interlocking system is how the pavers straddle from one grid to another and "interlock" the system together.



## Resists Cracking, Scratches and Stains

Concrete and porcelain pavers are hard and can crack, chip or break. Aspire Pavers are more durable and are practically impossible to break or chip. They are scratch resistant, eliminating scuffs from chairs or rooftop furniture. In addition, Aspire Pavers are non-porous, therefore resistant to staining.



## Low Maintenance & Easy Roof Access

Not only are Aspire Pavers crack, scratch and stain resistant, they do not require a sealer. Simply wash them off with a garden hose. For tougher stains use a mild cleaner and soft brush. Plus, they are easy for maintenance crews to remove and replace to repair leaks or access the roof for routine maintenance



# Harsh Weather Conditions

## Wind Uplift

Unlike roof membranes, rooftop paver systems are not held to the strict testing requirements of roof membranes for wind uplift. They are considered an overburden just like ballast or a green roof.

## Tropical Conditions

Aspire Pavers have been in use on the rooftop of the Ballaja Barracks in Puerto Rico for more than eight years and have endured several hurricanes without any issues. This is partially because of the system weight of 12 lbs. (6.74 lbs./sq. ft.). Another helpful design element is the individual spacing between pavers. Each paver is 4"x8" and therefore has spacing between each paver which allows air to escape. In pedestal systems, a paver has space under the pavers, as well as a large surface area in which the air can get underneath the paver causing lift.

# Testing & Codes



## Class A Fire Rating

The Aspire Rooftop Paver System has a Class A Fire Rating and can be used over any Class A commercial roof membrane including EPDM, TPO, PVC, Asphaltic and Liquid-Applied.



## Compressive Strength

Aspire Pavers are tough. They have a compressive strength greater than 3,500 psi and are practically impossible to break.



## Hail Resistance

Hail has virtually no effect on Aspire Pavers. The Aspire Paver system passes the 2" hail test with no issues.



## Slip Resistant

For any walking surface you want a good non-slip surface, especially on a rooftop. Aspire Pavers have an excellent wet and dry coefficient of friction that is much better than typical porcelain pavers.



# Endless Design Capabilities

Aspire Pavers allow the building owner to create the look of their dreams. The easy-to-use grid was designed to host a variety of patterns including Basketweave, Herringbone and Running Bond. The use of color further expands the layout opportunities. Patterns and color variations can easily be changed over time to add new life and fun to a rooftop.



Basketweave

Herringbone

Running Bond

Plainweave

Block Lattice

Soldiered

## Finishing Touches



### Bullnose Border Pavers

The Bullnose Pavers are great for projects where you want to create an elegant border or design detail. These pavers have a radius edge making them perfect for balconies with a railing or on stair treads.



### Transition Border Pavers

The Transition Pavers are great for projects where you need to transition from one surface to another. These pavers have a gradual slope making them the perfect finishing touch.





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