Plaza Paver System

Overview
Carlisle has partnered with Hanover® Architectural Products, the premier manufacturer of concrete pavers, to offer our customers the Carlisle Plaza Paver System. This partnership allows building owners, architects, specifiers and contractors to obtain all of the necessary products to create a plaza paver system from a single source. In addition to offering the pavers and related accessories, Carlisle is also offering material, overburden removal and wind speed warranties.

Coverage Rate
Carlisle’s Plaza Paver System is designed to complement Carlisle’s EPDM membranes, Roof Gardens, and FleeceBACK® Plaza systems. Hanover's concrete pavers are resilient in even the harshest conditions, providing an aesthetically pleasing environment, while offering additional benefits. These benefits include protection of the underlying membrane, the ability to make any roof a cool roof, contributing toward LEED® credit requirements and providing useable space that can be tailored to meet any need.

Features and Benefits
- Pavers are manufactured to provide the highest level of performance, with a minimum 8,500 psi compressive strength
- Pavers are available in various sizes and weights. The most common size is a 2”-thick paver with a nominal 2’ x 2’ dimension weighing 25 lbs. per square foot
- Pavers are available in 8 standard colors, with an optional 3,000 additional colors
- Pavers can contribute toward LEED credit requirements

Pavers
Hanover pavers are manufactured to provide the highest level of performance with a minimum compressive strength of 8,500 psi and an absorption rate of less than 5%. The pavers are available in several different styles to meet the aesthetics and functional needs of any building. All pavers are available in two distinct finishes – the Tudor finish and the Diamond finish. The Tudor finish is designed for aesthetic installations, and the Diamond finish is designed for installations where aesthetics are not as much of a concern.

Hanover pavers are available in 8 standard colors – Quarry Red, Charcoal, Natural, Red, Tan, Brown, Cream and Limestone Gray. Hanover pavers are also available in over 3,000 additional custom colors and aggregate blending is also available.

One of the custom colors offered by Hanover is the Glacier White color, which has an SRI value of 87. The Glacier White color can contribute to LEED credit requirements, and is also pending ENERGY STAR® qualification.

Hanover Paver Standard Colors

- Brown
- Charcoal
- Cream
- Red
- Limestone Gray
- Natural
- Quarry Red
- Tan

Prest Paver
The standard size of the Hanover Prest Paver is 2’ x 2’ x 2” and weighs 25 lbs./square foot; however, custom sizes are available. This is the most commonly used paver and is available in over 3,000 custom color variations, including Glacier White.
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Guardian Paver

The Guardian Paver provides increased wind performance using a unique three-piece pedestal system and shaped paver. The three-piece pedestal system incorporates a top and bottom plate with a bolt, connecting the entire paver system together for superior wind performance. Guardian Pavers are available in 2’ x 2’ sizes and 2” or 3” thicknesses. The 2” paver weighs 25 lbs/square foot and the 3” paver weighs 38 lbs/square foot for additional wind resistance. The 2” Guardian Paver has achieved a -81 ft/lb uplift pressure resistance.

Pedestal Paver

Pedestal pavers are available in 2’ x 2’ x 2 ¼” size in Tudor or Diamond finish, and weighs 22 lbs/square foot. The Pedestal Paver incorporates footing in the center and each corner of the paver to provide ½” of clearance for exceptional stormwater drainage.

RockCurb

RockCurb creates an aesthetically pleasing transition between the paver system and adjoining rooftop systems such as a roof garden. RockCurb is 6” thick and 36” long, and is available in a 12” height with a battered profile, or in an 18” height with a battered or bull nose profile. Radius sections are also available.
**Pedestals**

**Hanover Paver Standard Colors**

The EPDM Pedestal is used to provide a raised $\frac{3}{8}$" fixed height for architectural and ballast applications. This pedestal incorporates $\frac{1}{8}$" vertical spacer tabs and horizontal leveling shims of $\frac{1}{16}$" or $\frac{1}{8}$" to make installation easy.

**Elevator Pedestal**

Elevator Pedestals provide the ability to raise all paver systems to a desired height in order to create a roof system that appears monolithic. Elevator Pedestal assemblies are available in 2", 3" and 4" models and can be combined for heights up to 16". With additional bracing, the Elevator Pedestal can provide up to 24" in height.

**High-Tab Pedestal**

The High-Tab Pedestal provides a raised $\frac{3}{8}$" height for all paver applications. Multiple High-Tab Pedestals can be combined to provide additional height where necessary. This pedestal incorporates $\frac{1}{4}$" vertical spacer tabs and horizontal leveling shims of $\frac{1}{8}$" (white shim) or $\frac{1}{16}$" (black shim) to make installation easy.

Please Note: It is critical that Hanover Elevator Top Units and Couplers have a minimum insertion of three threads of the unit to completely secure the pedestal and ensure stability.

Heights shown are pedestal heights only. For final paver installation height, add the thickness of the paver to the pedestal height.

*The use of additional couplers will attain heights of up to 24". Heights of 16" to 24" require special bracing installation details.*
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Compensator

The Compensator is a specially designed tapered circular base for use with Hanover’s High-Tab and Elevator Pedestals. One Compensator will provide up to $\frac{1}{8}$" of roof slope compensation to allow for a level paver installation. Multiple Compensators can be combined to allow for additional roof slope.

Hanover Compensator and Compensator with Elevator Pedestal

Precautions

» Pavers can be heavy. Be sure to use at least two people to move them.
» Do not stack pavers in an area that might exceed the structural capacity of the building.
» Take care not to damage membrane or flashings during installation.

Typical Properties and Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compressive</td>
<td>8,500 psi</td>
</tr>
<tr>
<td>Absorption</td>
<td>Less than 5%</td>
</tr>
<tr>
<td>Flexural</td>
<td>1,100 psi</td>
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</tbody>
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Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.