

NEW HANOVER® GRANITE COBBLES

Hanover® is pleased to announce the addition of Granite Cobble to an already established line of Granite Pavers. Hanover's Granite Cobbles are fabricated to the highest standards in the industry with the best raw materials available. Granite is a very durable stone possessing qualities such as resistance to stains and freeze-thaw cycles. Create a beautiful, timeless driveway or walkway with Hanover® Granite Cobbles.

Hanover Granite Cobbles are available as Individual Cobbles or as PreAssembled Cobbles in a wide range of sizes, patterns and textures. A selection of colors is shown to the right. Cobbles can be split or sawn on all four sides. Top surfaces are available with two finishes – Split or Thermal/Flamed. A Split finish is rocky and uneven, creating a rugged appearance. When a more even surface is required, a lightly textured Thermal/Flamed finish is available.

- Split sides and Split finish
- Split sides and Thermal finish
- Sawn sides and Split finish
- Sawn sides and Thermal finish

INDIVIDUAL COBBLES

Hanover's Individual Granite Cobbles are packaged individually to accommodate special installation designs. Individual Cobbles are available in a wide range of square and rectangular sizes. Hanover® can provide a variety of colors and finishes, as well as custom sizes.

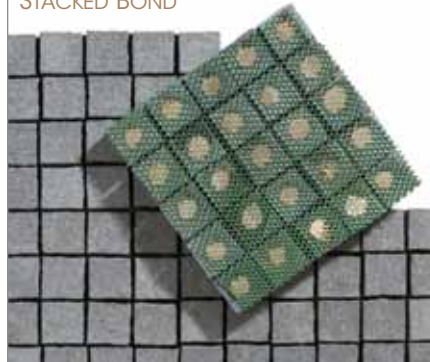
INDIVIDUAL COBBLES



PREASSEMBLED COBBLES

Individual granite cobbles are connected by mesh backing in a tile-like fashion to form pre-assembled geometric modules for simplified installation. Once the granite cobble modules are installed, the backing becomes invisible. Because larger areas can be installed at once, rather than stone by stone, installation is

PREASSEMBLED COBBLES - STACKED BOND



simplified. With simplified installation, projects can move forward at a faster pace and labor costs are reduced. Several interlocking shapes and patterns are available ranging from Stacked and Running Bonds to Circles and Fans. Hanover® can also accommodate custom patterns upon request when quantities permit.

GRANITE COBBLES - FAN



With a 16-week turnaround, Granite Cobbles are available in wide range of colors. The colors shown are just a few of the colors Hanover® can provide as part of a custom order when quantities permit. Contact a Hanover® Representative.



Rustic Yellow
Split sides, Split finish



Rustic Yellow
Sawn sides, Thermal finish



Ashford White
Split sides, Thermal finish



Ashford White
Split sides, Thermal finish



Gettysburg Mist
Sawn sides, Thermal finish



Black Hills
Split sides, Split finish



Antique Red
Split sides, Split finish



Antique Red
Split sides, Split finish

1 BASE:

The base should be a firm concrete, designed to support the intended load. Rebar or wire reinforcement is recommended. The base must be stabilized and sloped for the draining of surface water. Requirements and regulations are different for each municipality. Contact your local authority for specific installation requirements and applicable codes.

Vehicular Applications:

For vehicular applications, the base must be 6" - 8" of concrete. Rebar or wire reinforcement is recommended.

Light Vehicular Application:

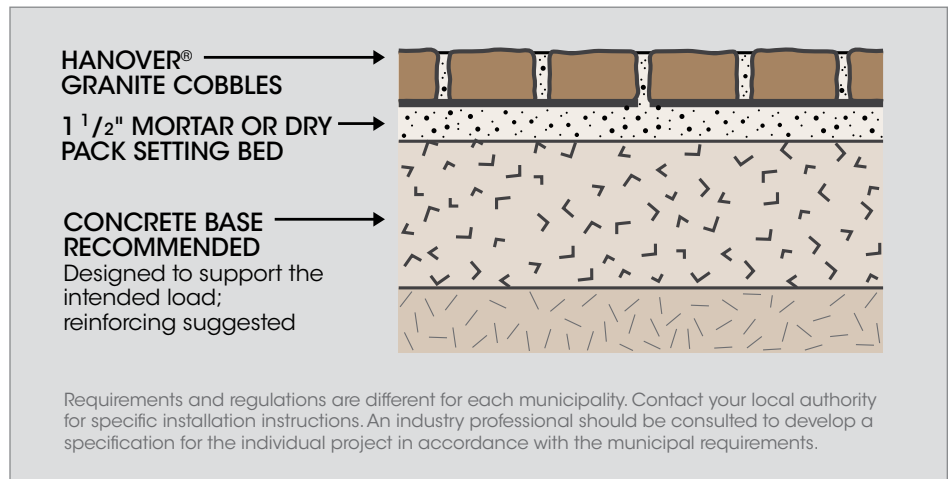
For light vehicular applications, the base must be 3 1/2" - 4" of concrete. Rebar or wire reinforcement is recommended.

2 SETTING BED:

The setting bed is placed directly over the prepared concrete base. Setting bed should consist of 1 1/2" wet mortar or dry pack bedding. Regardless of type, the setting bed must be supportive of cobbles, in contrast to the consistency of a bricklayer's wet mortar mix which would sag. Be sure to contact your local authority for specific setting bed requirements.

Wet Mortar: After modules are set, wet or mist the surface of the cobbles with water.

Dry Pack: After modules are set, wet the entire installation with water. This will activate the mortar and adhere the granite cobbles.



3 PLACING OF THE GRANITE COBBLE MODULES:

Place Granite Cobble modules over the prepared setting bed. Granite Cobble modules should be placed against each other, minimizing the spaces between them to create the appearance of each individual cobble being hand set without modular definition. DO NOT plate compact. The mortar mix is intended to act as a leveling bed and plate compaction can disturb that bedding. To bring top surfaces of cobbles to uniformity, hand tamp using a 2" x 4" and rubber mallet.

STYLES OF GRANITE COBBLES:

- Individual Cobbles
- PreAssembled Cobbles

SIDES:

Split or Sawn

FINISH:

Split or Thermal/Flamed

4 GROUTING:

Wet grout is applied and pushed into every joint using a broom or rubber squeegee.

Cleaning and Finishing:

Grout will begin to set (or harden) in one hour. As soon as the grout starts to set, clean the surface by removing excess grout with large blankets or sponges aided by a flow of water and acid solution wash if necessary.

Please Note: These installation guidelines are recommendations only. Individual installation techniques may vary depending on geographic location and municipal requirements. For installation of Individual Cobbles, please contact Hanover®.



Ashford White, Split sides, Split finish

Requirements and regulations are different for each municipality. Contact your local authority for specific installation instructions. An industry professional should be consulted to develop a specification for the individual project in accordance with the municipal requirements.

The color photos shown were prepared with great concern for accuracy. However, it is suggested that actual samples be requested before specifying. Due to the natural variances, granite pavers could differ slightly from sample to actual product. It is recommended that the pavers be cleaned after the installation is finished. Contact our representatives for product suggestions. ©1971-2010 Hanover® Architectural Products

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