

# HANOVER® GUIDELINE SPECIFICATION

## Paving and Surfacing

### Hanover® Detectable Warning® Pavers

**Product Name:** Hanover® Detectable Warning® Pavers

**Manufacturer:** Hanover® Architectural Products,  
5000 Hanover Road, Hanover, PA 17331  
717.637-0500 • Fax 717.637.7145  
info@hanoverpavers.com • www.hanoverpavers.com

## 1 PRODUCT DESIGN:

### Basic Use:

Any pedestrian area requiring the use of Detectable Warning surface can utilize the Hanover® Detectable Warning® Paver. Manufactured in accordance with the requirements set forth in the Americans With Disabilities Act (ADA). Hanover® Detectable Warning® Paver is fabricated with a non-slip texture applied to the surface of the paver. Installations will benefit from its ability to withstand snow removal and freeze thaw conditions. Typical installations include railway platforms, handicap ramps, and as curb indication.

### Composition and Materials:

Hanover® Detectable Warning® Pavers are made from Portland Cement, fine and coarse aggregates. Hanover® Detectable Warning® Pavers, high density, hydraulically pressed concrete units, are of a homogeneous mix manufactured to plus or minus 1/8" tolerances and produced by subjecting the concrete mix to a minimum pressure of 1,000 pounds per square inch over the entire surface area. This results in a product with the density and strength of natural stone. A Tudor® finish is a specialized texture designed to be "natural", and practical. It has a non-directional surface finish, which exposes the aggregate delicately, giving that paver a granite-like appearance. Custom specifications can be accommodated.

### Limitations:

Not recommended for areas subject to vehicular traffic.

## 2 TECHNICAL DATA:

### Application Standard:

Hanover® Detectable Warning® Pavers meet or exceed ASTM specifications for concrete paving stones C936 requiring minimum compressive strength of 8000 psi, maximum absorption of 5%, and freeze thaw testing per section of ASTM C67. Pavers are manufactured to have a minimum compressive strength of 8500 psi, with water absorption of 5% or less.

### Physical Characteristics:

Pavers come in variety of sizes, ranging from 11 3/4" x 11 3/4" to 23 1/2" x 35 3/4" (actual size), as well as a variety of thicknesses ranging from 1 1/4" to 4". Not all sizes come in all thicknesses.

Metric Size	Actual Size	1 1/2"	2"	2 1/4"	2 1/2"	3"	4"
297mm x 297mm	11 3/4" x 11 3/4"	X	X	X	X	X	
597mm x 597mm	23 1/2" x 23 1/2"		X	X	X	X	X
597mm x 747mm	23 1/2" x 29 1/2"		X	X	X	X	
597mm x 897mm	23 1/2" x 35 3/8"		X	X	X	X	

## 3 INSTALLATION:

### Edge Restraint:

Adequate edge restraints and a properly prepared base are essential to the successful performance of Hanover® Detectable Warning® Pavers. When utilizing a bituminous setting bed, edge restraints can be wood, steel, PVC, Hanover® RockCurb®, or other systems specifically designed to restrain concrete pavers.

**Base:**

Bituminous setting bed over 4 in. thick concrete base slab is the preferred method for Hanover® Detectable Warning® Pavers, however, asphaltic concrete base slab is also acceptable. Alternate installation methods include latex modified mortar setting bed over concrete base slab. Careful attention must be given to local soils and drainage conditions, type of expected traffic, and municipal requirements.

Pavers may also be installed as an overlay system on existing concrete or asphalt pavements. Filter cloth is recommended over the existing pavement prior to installing pavers.

## 4 AVAILABILITY

**Availability:**

Hanover® Detectable Warning® Pavers are readily available in the continental United States. For further information call Hanover® Architectural Products, Inc.

**Cost:**

Cost will vary depending upon paver sizes, finish, color and quantity ordered.

## 5 WARRANTY

Hanover® Architectural Products, Inc. will certify specific pavers to meet or exceed internal standards as well as previously stated ASTM performance standards.

## 6 MAINTENANCE

Hanover® Detectable Warning® Pavers require practically no maintenance if installed properly. Degree of soiling and staining will depend on type and amount of use over time. Contact manufacturer for information regarding sealing and cleaning concrete pavers. Hanover® Asphalt Block require practically no maintenance if installed properly. Degree of soiling and staining will depend on type and amount of use over time. Contact manufacturer for information regarding cleaning of Asphalt Block pavers.

## 7 TECHNICAL SERVICES

Complete technical information and printed literature from manufacturer.

## FILING SERVICES

SPEC-DATA  
Sweets General Building  
LA File

**HANOVER®**  
Architectural Products  
5000 Hanover Road, Hanover, PA 17331  
717.637.0500 • fax 717.637.7145  
[www.hanoverpavers.com](http://www.hanoverpavers.com)