HANOVER® GUIDELINE SPECIFICATION
Paving and Surfacing
Prest® Brick

PRODUCT NAME: Hanover® Prest® Brick

MANUFACTURER: Hanover® Architectural Products,
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1 PRODUCT DESIGN:

BASIC USE:
Most any area capable of being paved can utilize Hanover® Prest® Brick pavers. These pressed concrete paving bricks provide a surface equally suited to municipal, residential, and urban projects. Installations will benefit from its appearance, slip resistant properties, and ability to withstand snow removal and freeze thaw conditions. Typical installations include plazas, driveways, courtyards, walkways, parking areas, pool areas, low speed roadways, and tree grid paving.

COMPOSITION AND MATERIALS:
Hanover® Prest® Brick Pavers are made from Portland cement, fine and coarse aggregates. These high density, hydraulically pressed concrete paving units, are manufactured to (+/-) 1/16" tolerances. Each brick is uniform in size, permitting easy installation of any paving pattern. Several styles, sizes, thicknesses, colors and finishes are available.

LIMITATIONS:
Hanover® Traditional® 4" x 8" x 3" size and the 6" x 12" x 4" size are recommended for both pedestrian and low speed vehicular usage when installed in a herringbone pattern. All other styles can be used for both pedestrian and low speed vehicular applications. The Traditional® 12" x 12" and PlankStone® are recommended for pedestrian use only.

2 TECHNICAL DATA:

APPLICATION STANDARD:
Hanover® Prest® Brick pavers meet or exceed ASTM specifications for concrete paving stones C936-82 requiring a minimum compressive strength of 8000 psi, maximum absorption of 5% or less at 50 cycles of freeze thaw testing per section ASTM C67.

PHYSICAL CHARACTERISTICS:
Hanover® Prest® Brick are resistant to oil spillage and diesel fuel. They have been designed with spacers on all four sides providing a uniform 1/16" joint around every brick.

Prest® Brick Styles:

Traditional® Prest® Brick –	rectangular or square in shape, beveled edges; 4" x 8", 6" x 6", 8" x 8", 6" x 12", 12" x 12"
Multisided Prest® Brick –	Patriot®, Cathedral®, Hexagonal, Congressional® and Triad shapes
Appian® Prest® Brick –	antiqued edges, cobbled appearance; 6" x 6", 6" x 9", Mixed, Random, Circle, Fan
Serengeti® Stone –	irregular sides and top surface, rough and rugged; Serengeti® Grande™, 6" x 6", 6" x 9"
Halifax® Flagstone –	wide joint style, cleft surface; Irregular, Mixed, 12" x 12"; 3" thickness
PlankStone® –	narrow and rectangular in shape, beveled edges; 3" x 24", 3" x 18", 3" x 9", 4" thickness
Riven –	face textured to simulate natural riven stone, contoured sides, wide joint style; Riven Viisi™
Olde Hanover™ –	look of aged clay brick pavers, contoured sides, wide joint style; 3" x 9"

Prest® Brick Textures/Finishes:

Natural –	close-knit surface, fine grain appearance
Tudor® –	lightly exposed aggregate, surface with a courser texture
Tumbled –	worn stone effect, aged appearance
Chiseled –	slightly chipped surface, rough edges
Square Edge –	smotth surface, non-beveled edge
Scored –	available in Traditional® 4"x 8" size; score is a false joint providing the appearance of a 4"x 4"
Ground –	smooth, but not polished with exposed aggregate, no bevel, 1/4" thinner in finished thickness

Hanover® Prest® Brick thicknesses range from 1 1/2" - 4". Not all sizes are available in all thicknesses.

3 INSTALLATION:

Interlocking concrete brick pavers are typically installed on a bed of sand conforming to ASTM C 33 or a bituminous setting bed. After units are installed on sand bed, they are vibrated with a high frequency, low amplitude plate vibrator. Units are pressed into sand bed and sand is compacted. Joints are then filled with sand and brick pavers are vibrated until all joints are completely filled. Excess sand is removed.

EDGE RESTRAINTS:

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

BASE:

Sand setting bed over a compacted void free granular base is the preferred method for Hanover® Prest® Brick pavers. Alternate installation methods include a bituminous setting bed over a compacted aggregate base or concrete slab. Careful attention must be given to local soils and drainage conditions, type of expected traffic, and municipal requirements.

Base is typically compacted aggregate. Fabric soil separators are recommended for vehicular pavements between the soil subgrade and base materials. Hanover® Prest® Brick 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 brick pavers.

4 AVAILABILITY AND COST

AVAILABILITY:

Hanover® Prest® Brick in stocked colors and blends are readily available in the continental United States. Custom colors are available when quantities permit. 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® Prest® Brick 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 of brick.

7 TECHNICAL SERVICES

Complete technical information and printed literature from manufacturer.

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