HANOVER®
Architectural Products

PRODUCT DATA SHEET

Hanover® Prest® Paver

Hanover® Prest® Pavers meet Federal Metric Construction Guidelines. Hanover® Pavers are manufactured metrically and actually measure 3mm less than the metric size shown. Refer to the size chart below for size and thickness information.

PAVER THICKNESS
Standard thickness for Hanover® Prest® Pavers is 2" or 50mm which is suitable for pedestrian applications. However, when utilized in urban pedestrian applications, we recommend increasing the thickness to 2 1/2". The additional strength will help to accommodate the unpredictable circumstances and stressful situations that exist in the urban city environment. Please note that the standard thickness for the 35 3/4" x 35 3/4" paver is 2 1/2" or 63mm.

Metric Size	Actual Size	1 1/4"	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	
303mm x 303mm	11 15/16" x 11 15/16"		X	X	X	X	X	
378mm x 378mm	14 7/8" x 14 7/8"		X	X	X	X	X	
297mm x 447mm	11 3/4" x 17 5/8"		X	X	X	X	X	
297mm x 597mm	11 3/4" x 23 1/2"	X	X	X	X	X	X	
447mm x 447mm	17 5/8" x 17 5/8"		X	X	X	X	X	X
447mm x 597mm	17 5/8" x 23 1/2"		X	X	X	X	X	
447mm x 899mm	17 5/8" x 35 3/8"		X	X	X	X	X	
597mm x 597mm	23 1/2" x 23 1/2"	X	X	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	
756mm x 756mm	29 3/4" x 29 3/4"			X	X	X	X	
908mm x 908mm	*35 3/4" x 35 3/4" x 2 1/2"					X	X	

= Standard Thickness Weight (2" thickness): 25 lbs/sf *NOTE INCREASED THICKNESS & WEIGHT FOR THIS SIZE PAVER

RELATIVE STRENGTHS: (at 2" thickness)

Absorption:	less than 5%	Compressive:	8,500 psi at 28 days
Density:	155 lbs/cu ft.	Flexural:	1,100 psi

Hanover® Prest® Pavers, high density, hydraulically pressed concrete units, are manufactured to 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.

The concrete pavers shall be fabricated of Coplay Cement, Type I, Buff. Aggregates should be a blend from 200 mesh to 5/8" with a light gray color. The aggregate used should have a PA S.R.L. Test of H and a specific gravity of 2.79 and absorption of 2.60. The aggregates should be washed with no deleterious substances, with no thin or elongated pieces. The aggregated should have an L.A. abrasion test of 21 and L.A. rattles loss test of 21.8% (at 500 revolutions). Most specifically, the aggregates should have a wash test of less than 1%. This includes materials lost by washing the aggregate - even those finer than 200 mesh. Mix should be prepared in a stationary mixer to a 5" slump, mixed a maximum time of 2 minutes and placed in the mold in a homogenous state. The whole of the paver is to be of the same design and a single mix system. Hydraulic pressure to be employed should be a minimum of 800,000 pounds without use of any vibration.

The top surface finish shall be Tudor® of Hanover® Architectural Products, Inc. design. The concrete pavers are to be integrally colored with custom blended shades as specifically prepared by Hanover® Architectural Products, Inc. The final shade as selected by the architect.

STANDARD COLORS:
Limestone Gray, Quarry Red, Cream, Tan, Brown, Red 15, Charcoal, and Natural
Custom color and aggregate blending is available on special order and when quantity ordered permits.

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