HANOVER®
Architectural Products

PRODUCT DATA SHEET

VENTLOC®

Interlocking Lightweight Roof Ballast

VENTLOC® incorporates the idea of a lightweight ballast paver with an elevated paver drainage system. Designed with a unique, patented venting edge which enables the rapid transfer of over paver to under paver pressures, VENTLOC® has been proven to provide wind uplift resistance at wind speeds up to 130 miles per hour. VENTLOC's patented interlocking tongue and groove design creates a monolithic paver surface. U.S. Patent 5,887,397 and other patents pending.

Actual Size: 11 3/4" x 17 5/8" x 2"

Metric Size: 297mm x 447mm x 50mm

Color: Natural

Finish: Natural

Available in Hanover's standard colors (Quarry Red, Red 15, Limestone Gray, Charcoal, Chocolate, Tan and Natural) as well as Glacier White. Additional colors are available when quantities permit.

Standard Weight: 16 lbs/sf

Heavy Weight: 20 lbs/sf

RELATIVE STRENGTHS

	Compressive Strength	Absorption	Density
Standard Weight VENTLOC®	5,255 psi	5.89%	116.58 lbs/ft3
Heavy Weight VENTLOC®	7,689 psi	3.93%	144.95 lbs/ft3

The test specimens were evaluated in accordance with the following methods.
- ASTM C936/C936M-15, Standard Specification for Solid Concrete Interlocking Paving Units
- ASTM C140/140M-15, Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units

WIND SPEED TEST RESULTS:

Ventloc® was tested in three different conditions – no parapet, 12" parapet and 24" parapet – all with edge termination/containment. Wind was blown at the specimen both perpendicularly and parallel to the joint allignment. In all three conditions, for both the standard weight and the heavy weight, results were the same. No movement was observed.

WIND SPEED TEST RESULTS

	Test Condition	Wind Speed	Duration	Observations
Standard Weight & Heavy Weight VENTLOC®	No Parapet	130 mph	30 seconds	No movement observed
Standard Weight & Heavy Weight VENTLOC®	12" Parapet	130 mph	30 seconds	No movement observed
Standard Weight & Heavy Weight VENTLOC®	24" Parapet	130 mph	30 seconds	No movement observed