**FINDINGS:**

Ballast Pavers used on rooftops can withstand winds up to 150 mph at wind directions up to 90°

Ballast Pavers were tested with a full-scale wind tunnel testing procedure.

The two tests included Ballast Pavers that were fixed to each other using only mechanical clips and a combination of adhesive with mechanical clips.

**SYSTEM BENEFITS**

Ballast pavers can assist in protecting roofs from roof pressure and wind uplift, as well as provide fire resistance, a barrier to thermal shock and protection from UV degradation.

**SUMMARY OF WIND UPLIFT RESISTANCE TESTING**

Tests conducted at the WOW at FIU for wind speeds varying from 30 mph to 150 mph and wind directions from 0 degrees to 90 degrees indicated that no damage to the pavers or any part of the building was reported at a given wind speed and direction.¹

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**Note:** Numbers indicated in bold and underlined are the speeds at which some of the tiles detached from the roof.

PRODUCT FEATURES
• Interlocking design for superior wind resistance
• Higher density concrete
• Easy installation process reduces construction time
• Four-way drainage allows water to flow freely underneath the surface and to roof drainage systems
• Fire-resistant
• Freeze-thaw durable
• Non-abrasive bearing pads

APPROVALS & PERFORMANCE
Meets or exceeds the guidelines and criteria for ballasted roof systems established by:
• Factory Mutual
• Underwriters Laboratories
• CC-ES
• SPRI Paver Specifications
• SPRI Wind Design Guide

BALLAST PAVER™

DIMENSIONS:
8 ½” x 16” x 1 ½”

WEIGHT:
13.75 psf

DIMENSIONAL TOLERANCE:
+/- ¼” (length, width, height, convex, concave)

COMPRESSION STRENGTH:
minimum 5,000 psi

DENSITY:
125pcf

WATER ABSORPTION:
less than 5%

FLEXURAL STRENGTH:
minimum 400 psi

FREEZE THAW:
less than 1% loss in weight after 40 cycles

PACKAGING:
200 pavers per pallet, 189 Sq. Ft. per pallet

TRUCKLOAD QUANTITY:
16 pallets (3,200 pavers)

For warranty information, contact your Westile Product Representative.
Technical Specifications and Installation guide is available at www.westile.com

Contact your Westile Product Representative for more information info@westile.com or 1-800-433-8453