

Roofing Products
Ballast Paver™

WESTILE



BALLAST PAVER™



Walkway Application

- Walkways using Ballast Paver™ start at 16½” wide and can be customized by installing Ballast Paver side by side, creating walkways 33”, 49½”...wide.



Perimeter Ballasted Application

- Ballast Paver™ used as a perimeter ballast (10 feet minimum) guards against gravel scour and protects the roofing system at its most vulnerable area.

Refer to current Ballast Paver Design & Installation Guide for details.



Fully Ballasted Application

- Ballast Paver™ has been wind tunnel tested at Colorado State University and far exceeds the performance of gravel ballast and other paver systems.
- Ballast Paver™ wind engineered systems (Systems I-IV) are designed for new or existing buildings.

Refer to current Ballast Paver Design & Installation Guide for details.

THE UNIQUE INTER-LOCKING SPM **BALLAST SYSTEM**



- Ship-Lap Interlocking Feature
- Four-Way Drainage
- Freeze-Thaw Resistant
- Fire Proof
- Membrane Protection from Ultraviolet Degradation
- 21 Square Inches of Non-Abrasive Bearing Pads per Paver



- Easiest Paver to Install
- 75 pieces per 100 Square Feet
- 1.34 square feet per paver
- Westile Ballast Pavers™ are designed to interlock forming a ballast system that effectively secures single-ply roofing membranes.
- Ballast Pavers™ are not intended to be used as a plaza deck. Foot traffic should be limited to the occasional pedestrian or maintenance personnel.
- A registered professional engineer at the request and expense of the owner or architect shall evaluate the roof structure to ensure it can receive the weight of the Ballast Paver™ system.

Standard Color



Natural Grey

Custom Colors



Sable*



Canyon Red*



Desert Sand*



Adobe*

**upcharge*

BALLAST PAVER™

Product Features

SIZE	11¾" x 16½" x 1½"
WEIGHT	12 ± 0.75 lbs. per sq. ft.
COMPRESSIVE STRENGTH	5,000 psi @ 28 days cure
DENSITY	125 pcf
WATER ABSORPTION	5% nominal
PACKAGING	Palletized, banded, stretch wrapped
PIECES PER SQUARE	75 pavers per square
PIECES PER PALLET	144 pavers per pallet
PERFORMANCE TESTING	Meets or exceeds the guidelines and criteria established by: ✓ Factory Mutual (Data Sheet TAB 1-29) ✓ Underwriters Laboratories ✓ ICBO Evaluation Service No. 4338* ✓ SPRI Paver Specifications (1995) ✓ SPRI Wind Design Guide for Ballasted Systems (1995)
<i>*ICBO Evaluation Service No. 4338 Performance Tables. See ICBO Evaluation Service, Inc. Evaluation Report No. 4338 for allowable values and/or conditions of use concerning material presented in this document. It is subject to re-examination, revisions, and possible cancellation.</i>	

Short Form Guide Specifications Section 07555 Roof Ballast/Pavers

Part 1 – General 1.01 Scope of Work A. Furnish and install a Westile Ballast Paver system in accordance with specifications as provided by Westile. 1.02 Related Sections A. Section 07555; Membrane Roofing B. Section 07220: Roof Insulation C. Section 07715: Fascias 1.03 References A. Applicable American Society for Testing and Materials (ASTM) Standards 1.04 System Description A. See appropriate system for complete description. (Refer to current Design & Installation Guide) 1.05 Submittals A. Submit manufacturer's installation specifications. B. Submit two copies of Westile's warranty. C. Submit performance testing. 1.06 Quality Assurance A. Water absorption to be 5% nominal. B. Compressive strength to be 5,000 p.s.i. at 28 days cure.		C. Flexural strength to be 400 pounds. D. Meets or exceeds SPRI Specifications and Wind Design Guide for concrete pavers, 1995. 1.07 Delivery, Storage, and Handling A. Deliver materials on manufacturer's unopened stretch wrapped pallet with labels intact and legible. B. Store materials on raised platforms. C. Handle materials to prevent damage. D. Do not exceed the structural capacity of deck if placing Ballast Paver units on the roof. E. Protect membrane and installed areas of Ballast Paver from damage when transporting pallets of Ballast Paver or other material. 1.08 Warranty A. Ballast Paver 10 year Limited Material Warranty B. Ballast Paver 5, 10, or 15 year Limited Wind Uplift Warranty (See Ballast Paver Cost & Procedure sheet for more details)		Part 2 – Products 2.01 Manufacturer A. Westile 8311 W. Carder Ct. Littleton, CO 80125 800-433-8453 2.02 Materials A. Westile Ballast Paver 2.03 Related Materials A. Mechanical Clips or approved adhesive B. Protection Mat: Westile Pavemat 600 protection Mat or an approved equal. C. Metal terminations used to retain or secure Ballast Paver units shall be manufactured by Metal Era, W.P. Hickman or an approved equal. D. Stone ballast used in Westile's Composite Ballast Paver System shall be approved by the membrane manufacturer. Westile recommends the use of ASTM #3 stone.		B. If required by membrane manufacturer, if limited foot traffic is anticipated, or if mechanical clips are used, install Westile pavemat 600 protection mat or an approved equal under the Ballast Paver application. 3.02 Ballast Paver System Designs A. System design #1 B. System design #2 C. System design #3 D. System design #4 E. Composite system F. Walkway System 3.03 Installation of Ballast Paver Systems A. Must be in accordance with Westile's current installation guidelines.	
		Part 3 – Execution 3.01 Preparation of Surface A. Comply with manufacturer's instructions for preparation of substrate to receive membrane roofing system. Install roof membrane, flashings and insulation in accordance with manufacturer's instructions.		Part 4 – Maintenance 4.01 Snow and Ice Removal A. The use of de-icing agents including but not limited to Ammonium Nitrate, Ammonium Sulfate, Sodium Chloride (Salt) and Calcium Chloride is prohibited; these components will damage Westile pavers. Remove snow manually, and use sand as a non slip agent.			

Warranty

Westile Ballast Pavers™ have a 10 year Limited Material Warranty from the date of installation when installed in accordance with the details and instructions in the Westile Design and Installation Guide. See the actual warranty for full details and limitations.

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Notices: Colors subject to change without prior notice. Colors in this brochure may vary from current stock. Actual samples are available from Westile. Slight variations in color may occur during manufacturing.

WESBP 01/05