



Andover 5511™ Permeable Concrete Pavers



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INTRODUCTION

Andover 5511 pavers offer a traditional shape scaled to complement the trend for larger paver units. They can be used for a traditional interlocking concrete pavement or, with proper design and the use of open-graded aggregates, a highly-effective permeable interlocking pavement.

FEATURES

- Provides 100% stormwater infiltration - capable of exceeding 10" of rainfall per hour over a 30-year pavement design life.
- Withstands NaCl deicing salts and snow can be safely and easily removed with snow shovels, blowers or plows.
- Qualifies for credits under the LEED® and other green building and infrastructure certification systems
- Cost is comparable to conventional impervious pavement with catch basins and underground pipe conveyance infrastructure
- Outperforms other types of porous pavements

COMPOSITION & PERFORMANCE

Andover 5511 pavers are manufactured under controlled factory conditions offering superb quality, strength and durability. In the event underground repairs are required, the pavers can be lifted and reinstated without leaving an unsightly patch. Andover 5511 pavers form a skid and slip-resistant surface and are suitable for pedestrian and vehicular pavements (limited to personal vehicles) in residential, commercial and municipal applications. Typical uses include walkways, patios, pool decks, sidewalks, courtyards, plazas, driveways, and light parking areas.

PHYSICAL CHARACTERISTICS

Andover 5511 pavers meet or exceed North American industry standards, including the strength, absorption, and freeze-thaw requirements of ASTM C 936 for Solid Concrete Interlocking Paving Stones. Our strict quality control ensures consistent strength, color and size.



Smooth



Grouping

Nominal Size/Coverage:	5½" x 11" x 2¾" (7cm) • 2.38 pcs/sf
Compressive Strength:	8000 psi minimum
Water Absorption:	5% maximum
Freeze Thaw:	No Effect
Slip and Skid Resistance:	Excellent to ADA
Open Area/Infiltration Rate:	7.5% / Initially greater than 100"/hour*

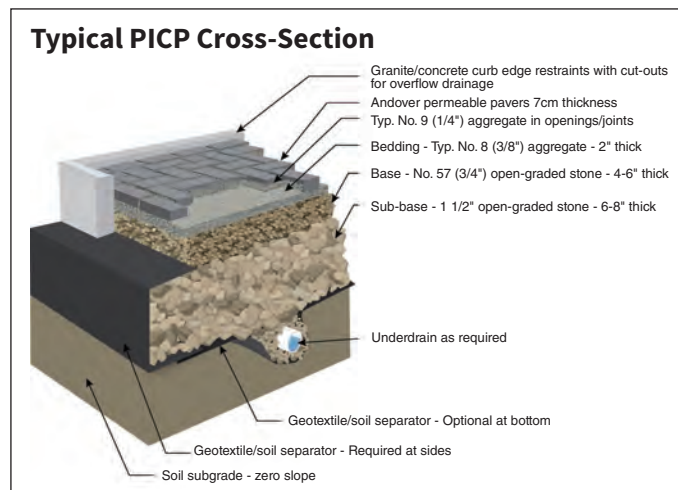
*Laboratory results with #9 stone using ASTM C 1781 Test Method for Surface Infiltration Rates of Permeable Pavers.

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DESIGN & CONSTRUCTION

As a permeable interlocking concrete pavement, 5511 uses open-graded aggregates for the base, setting bed and joint fill, providing void space to accommodate stormwater infiltration. The underlying structure must be of adequate thickness to support traffic loads and meet hydrological requirements as calculated by a design professional.

A urethane pad or rollers must be used when compacting 5511 pavers during installation.



MAINTENANCE

Permeable pavers function as an effective stormwater treatment system and remain clog-free for years with reasonable good housekeeping practices. Keep the pavement free of leaves, weeds, and sediment. Avoid the use of sand in the winter; if used, spread sparingly. Periodically sweep the openings to remove crust that forms on the surface. A stiff bristle broom works well for residential walks and driveways, while a conventional commercial sweeper is appropriate for larger areas. If puddles result from clogging, infiltration rates can be restored to 100% capacity by removing the aggregate from the openings and replacing it with clean material. Do not pressure wash.

TECHNICAL SERVICES

Contact our sales offices or visit www.PaversbyIdeal.com for comprehensive technical information and literature.

- ICPI TechSpecs, Detail Drawings & Design Pro Software
- Case Studies, Guides, Research & PICP Master Specification
- Construction of Permeable Base
- Ideal PICP Booklet - Maintenance Guide, Stone Gradations

A white haze known as efflorescence may randomly appear on the surface of units. It does not affect the structural integrity and will dissipate over time. Because efflorescence is a natural by-product of cement hydration, its presence is not indicative of a flawed product and not covered under our warranty. For more information, please ask for our Efflorescence Advisory.

Magnesium, Potassium and Calcium Chlorides, including products that contain a blend of these chemicals, are NOT suitable deicers for concrete pavers. Please see our Deicing Advisory for detailed information.

Always comply with OSHA requirements on PPE and exposure limits when cutting or sawing concrete products.



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Traditional & Permeable Pavers ■ Landscape Retaining Walls ■ Natural Stone
Manufactured by Ideal Concrete Block Co.

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