



## Andover™ 55 I I Permeable Concrete Pavers



# Andover™ 5511 Permeable Pavers

## INTRODUCTION

Andover 5511 pavers offer a traditional shape scaled to complement the trend for larger paving units. Available in three styles, 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, snow blowers or snow 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
- 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 stones 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.



Clefted



Clefted & Tumbled



Smooth & Chamfered

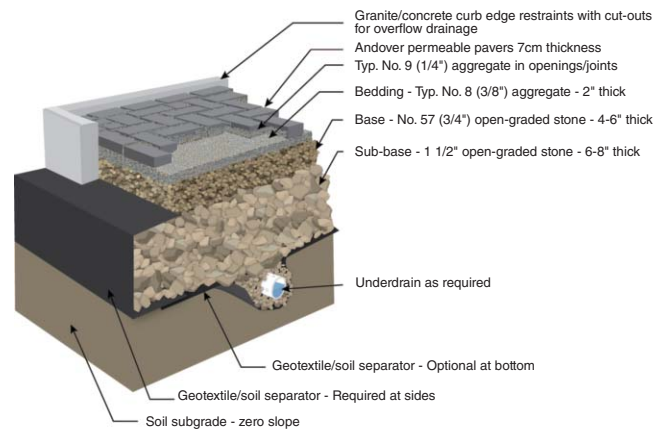
<b>Nominal Size/Coverage:</b>	5 1/2" x 11" x 2 3/4" (7 cm) • 2.38 pcs/sf
<b>Compressive Strength:</b>	8500 psi minimum
<b>Water Absorption:</b>	5% maximum
<b>Freeze Thaw:</b>	No Effect
<b>Slip and Skid Resistance:</b>	Excellent to ADA
<b>Open Area/Infiltration Rate:</b>	7.5% / Initially greater than 100"/hour*

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

## DESIGN & CONSTRUCTION

As a permeable interlocking concrete pavement, 5511 is placed over 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 and should be calculated by a design professional. A urethane pad or rollers must be used when compacting 5511 pavers during installation.

### Typical PICP Cross-Section



## 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

Please contact our sales office or visit our website at [www.ideal-concreteblock.com](http://www.ideal-concreteblock.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 deposit known as efflorescence may appear naturally on any concrete or masonry product. It does not effect the structural integrity and will diminish over time. Efflorescence is not indicative of a flawed product. For more information, ask for Ideal's Efflorescence Advisory.*

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