

POWERBLOCK PERMEABLE PAVEMENT

STORMWATER MANAGEMENT

HIGH-PERFORMANCE PERMEABLE PAVEMENT

PowerBLOCK is a quality permeable paver option on the permeable paving market with infiltration rates exceeding 1,000 inches/hr. Even when 90% clogged, PowerBLOCK flows at rates of around 100 inches/hr.

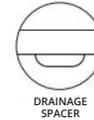
These durable pavers provide a unique option to clients who desire a low maintenance solution for permeable paving and stormwater storage. The 4.5" tall blocks interlock and have open joints to ensure ease of installation and upkeep. Compared to traditional pavers, PowerBLOCK's joints do not need to be filled in with stone after installations and vacuuming.



ADVANTAGES:

- Gets water off the pavement quickly
- Reduces maintenance & life-cycle costs
- Solid under normal traffic
- Available in several colors

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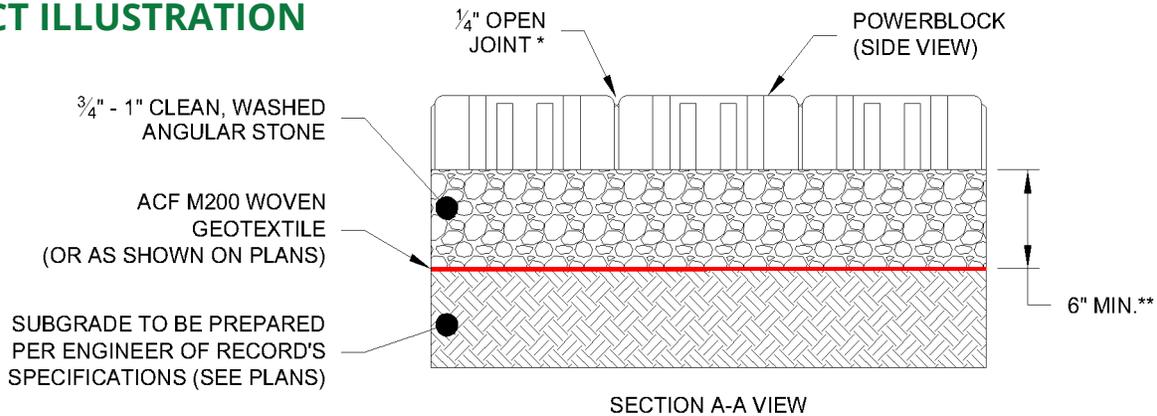


SPECIFICATIONS

PROPERTY	DESCRIPTION	VALUE
Dimensions	Length x Width x Height	11.75" x 13.70" x 4.5" (+/- 1/8")
Block Weight	Pounds	44 Pounds Minimum
Loading Capability	Traffic Rating	HS-20 / HS-25
Open Joint Width	Inches	0.25" (+/-0.02")
Joint Filler Between Blocks	Material Used	None Allowed
Post Installation, Field Verified Surface Infiltration Rate ³	ASTM C-1701 / C-1701-M09 / ASTM C-1781 / C-140	1,000 Inches/Hr Average (Minimum 3 Tests)
Compressive Rate	ASTM D-6684 / C-140	4,000 PSI (Average) 3,500 PSI (Minumum)
Freeze / Thaw Resistance ²	ASTM C-67 / C-1645 / C-936	Compliant
Abrasion Resistance ²	C-418 ²	Compliant

Visit our website (acfenvironmental.com) to view this product and additional specs.

PRODUCT ILLUSTRATION



MAINTENANCE

Maintenance should be performed when:

- a) The surface infiltration rates of more than 75% of the surface area fall below 10% of the rate required
- b) Ponding of water on a surface of 10 sq/ft remains for a period longer than 24 hrs
- c) Other desired maintenance at the owners discretion to optimize performance

Important:

Maintenance shall be performed with a vacuum device, not a mechanical sweeper, to remove accumulated debris from joints. This may be accomplished by smaller hand-held devices or with vacuum trucks such as Elgin Whirlwind. Adjust device settings to avoid movement/lifting of block and removal of stone underneath.