Weed-Blocker™ Paver Locking Sand
Nurserymen’s Preferred Professional Landscape Products
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Product Description:
Weed-Blocker™ Paver Locking Sand is a specially formulated polymer modified joint sand for use with pavement systems utilizing segmental concrete pavers, clay pavers or natural stone; concrete slab joint applications or filling gaps between segmental retaining wall blocks. Paver Locking Sand becomes activated when combined with water. The individual sand particles will bind together and set firm while remaining flexible to allow for movement in the pavement system. Paver Locking Sand restricts and resists growth of weeds, insect infestation and sand erosion due to rain, wind and frost.

Typical product is made using ASTM C144 sand and a special type of polymer which can be used on all types of masonry units made in accordance with ASTM C 902 “Standard Specification for Pedestrian and Light Traffic Paving Brick” and ASTM C 936 “Standard Specification for Solid Interlocking Concrete Paving Units.”

Packaging:
Paver Locking Sand is available in 50lb plastic bags.

Pre-Application:
Follow manufacturer’s installation instructions for laying segmental concrete pavers, clay pavers or natural stone.

Helpful tips: Lay 1-2” of coarse bedding sand (ASTM C 33) for the base material. Do not use Weed-Blocker™ for the base material. It may be helpful to use a plate compactor to even out the bedding sand. Use a rigid divider between locking masonry units and softer border areas like grass.

Product will perform best when there is a joint gap of approximately ¼” between masonry units. Paver Locking Sand should fill the joint gap freely from top of grade to base of paver. Joints that are too narrow will not allow joint sand to fill gaps.

Filling of Joints:
Weather conditions must be dry and no rain in forecast for at least 12 hours after application. Temperature must be above 50°F (10°C).

a. Cover surface of the project with Paver Locking Sand. Using a push broom, sweep Paver Locking Sand into the joints to fill them completely. When using a broom to spread the sand, apply it in two different directions perpendicular to each other. This will cause a better penetration of sand into cavities. It may be helpful to use a leaf blower on low setting to clean the paver surface.

b. The surface should be completely dry. Make sure the product is not on the surface of the pavers prior to wetting to avoid having the product stick to the surface.

c. The product softens when it is wet and firms up when it dries to resist soil movements.

Wetting of Joints:
Stone, concrete or paver surface must be completely free from Weed-Blocker™ before adding moisture to avoid adhesion of Weed-Blocker™ to the surface.

a. Using a garden hose or low-pressure spray equipment, evenly moisten the joints with a light spray in three applications at 10-minute intervals.

b. Do not over spray or flood the surface of your application as this could wash the Paver Locking Sand out of the joints. Too much initial water will cause the polymer to run off and prevent the sand from hardening.

c. Spray in an upward direction in order for the water to fall lightly on the complete surface without displacing Paver Locking Sand from the joints.

Typical Yield:
50lbs (22.7 kg) covers approximately 50 to 75 sq. ft. for a thin joint (clay brick paver) or approximately 20 to 35 sq. ft. for a wide joint (concrete paver). Approximate coverage estimates will depend on various sizes of pavers or slabs and size of joint gap.

Drying Time:
Let dry for 4-6 hours before light traffic and about 24 hours before heavy traffic depending on temperature, humidity, wind and thickness of the joints. Products should be thumbprint hard before using the surface.

Notes:
Do not apply to wet or damp surfaces, as the activation of the binder can make Paver Locking Sand stick to the surface and prevent it from flowing down the joints. If Paver Locking Sand adheres to an unwanted surface area, a high-pressure spray er or mechanical removal may be required. Do not mix Paver Locking Sand with cement. Avoid excessive wetting or flooding of paved areas. Do not apply this product in cool weather under 50°F (10°C).