

1. PRODUCT NAME

NorthRock[®] Weed-Blocker™ Paver Locking Sand

2. MANUFACTURER

TCC Materials
2025 Centre Pointe Blvd.
Mendota Heights, MN 55120 USA
Phone: 1.651.688.9116
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3. PRODUCT DESCRIPTION

NorthRock 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. The polymer in Paver Locking Sand becomes activated when combined with water to hold the sand in place by binding together the individual sand particles to set firm while remaining flexible and allowing 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. Weed-Blocker Paver Locking Sand is used with Paver Base, and Paver Leveling Sand in a paver installation system. Typical polymeric joint sand 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 C902 "Standard Specification for Pedestrian and Light Traffic Paving Brick" and ASTM C936 "Standard Specification for Solid Interlocking Concrete Paving Units."

Features and Benefits

- Can be used with all types of masonry paver units
- Restricts growth of weeds
- Assists in proper drainage and stability for paver installations
- Restricts insect infestations

When/Where to Use

- Exterior locations
- Segmental concrete pavers, clay pavers or natural stone
- Concrete slab joint applications
- Filling gaps between segmental retaining wall blocks

4. TECHNICAL DATA

- NorthRock Weed-Blocker Paver Locking Sand is a natural material, close quality control is practiced.
- Made with ASTM C144 sand

Available Size

- 50 lb. (22.7 kg) bag (BOM #109551)

Coverage

- Each 50 lb. bag will cover 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.

5. INSTALLATION

Preparation

1. Follow manufacturer's installation instructions for laying segmental concrete pavers, clay pavers or natural stone.
2. Industry practice suggests a 4"-5" layer of paver base such

as NorthRock Paver Base be evenly spread and compacted over the level prepared soil surface.

3. Next lay 1-2" of NorthRock Leveling Sand or a course bedding sand (ASTM C33) on top of the paver base material and screed in place. Pavers are then placed on top of this product. Do not use Weed-Blocker for the base or leveling material.
1. 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.
2. Weed-Blocker Paver Locking Sand 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.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Application

Filling 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) and surfaces must be completely dry. No moisture should be present on the surface prior to applying Paver Locking Sand. Any moisture could lead to early activation and staining of the surface.
- Cover surface of the project with Weed-Blocker Paver Locking Sand. Using a push broom, sweep Paver Locking Sand into the joints to fill them completely. Best results are obtained when sweeping areas up to 200 sq. ft. at a time. Sweeping across too large of a surface can separate the large and fine sand particles and the large will drop in while the fine get swept across. When using a broom to spread the sand, apply it in two different directions perpendicular to each other. This will allow a better penetration of sand into cavities. Compact the surface where necessary. For a pavement project, it may be advisable, though not required, to use a plate compactor to even out the application. Ensure the surface is swept clean of Paver Locking Sand to avoid staining during compacting.
- Stone, concrete or paver surface MUST BE COMPLETELY FREE from Weed-Blocker before adding moisture to avoid adhesion of Weed-Blocker to the surface. Pavers and bricks will vary in their surface texture and porosity, clay bricks can be particularly textured and it can be difficult to be certain all the fine particles have been cleaned off the surface. Any residue or dust left on the surface can adhere causing surface discoloration. It may be helpful to use a leaf blower on low setting to clean the paver surface.

Wetting Joints:

The wetting process is an important step, MIST with water to saturate the sand, but not float the polymers out of the sand. Wet for full depth, not just the surface. Once wet, the polymer will not re-set with more moisture.

- Using a garden hose or low-pressure spray equipment, evenly moisten the joints with a light spray in three applications at 10-minute intervals. These additional wettings are required in order to gradually soak the joints to their full depth.
- 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. The product softens when

NORTHROCK® WEED-BLOCKER™ PAVER LOCKING SAND

it is wet and firms up when it dries to resist soil movements. 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. Hard narrow sprays of water could knock loose Paver Locking Sand from the joints.

Drying Time:

- Let dry for 4-6 hours before light foot traffic, about 24 hours before heavy foot traffic and about 72 hours before vehicle traffic depending on temperature, humidity, wind and thickness of the joints. Cooler temperatures will slow the curing time. Full cure is reached in approximately 30 days.
- Product should be thumbprint hard before using the surface.

Clean Up

Use soapy water to clean hands and tools immediately after use. A white film on the surface of the pavers indicates the product was not completely swept off the surface prior to wetting.

Limitations

- Product in bag when purchased, stored, and used needs to be dry.
- 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) and surfaces must be completely dry for successful application.
- Do not apply to wet or damp surfaces, moisture activates the binder and can make Paver Locking Sand stick to the surface and prevent it from flowing down into the joints.
- If Paver Locking Sand adheres to unwanted surfaces, a high-pressure sprayer or mechanical removal may be required.
- Do not mix Paver Locking Sand with cement or other additives.
- Avoid excessive wetting or flooding of paved areas.
- Best results are achieved with an average joint width of ¼"-¾". Wider joints such as those found with irregular flagstone are not recommended for this product.
- A good drainage bed under the pavers will provide the best performance. A wet joint must be able to dry out in order for the product to perform as designed. If the paver area is continuously exposed to a sprinkler or water source that keeps the joints moist, the joint will remain soft until it has the ability to fully dry out.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com

Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered NorthRock brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

6. AVAILABILITY

To locate NorthRock products in your area, please contact:

Phone: 1.651.688.9116
Email: info@tccmaterials.com

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

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Storage Conditions	Store dry, cool, out of direct sunlight, in tightly closed container.
Color	Beige

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

NorthRock® is a registered trademark of TCC Materials



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