



RG+ Polymeric Jointing Sand for Pavers

22.7 Kg



UPDATE

August 12, 2013

Make sure that you have an up-to-date technical data sheet in hand by consulting our website: techniseal.com

U.S.A. and Canada: dial 1 800 465-7325

Others: dial (514) 523-8324 (Canada)

APPLICATIONS

- For pavers made of concrete, natural stone, etc.
- For normal to heavy pedestrian areas such as walkways, terraces, patios, parks, etc.¹
- For light vehicular traffic areas such as driveways, small commercial parking lots, etc.¹

PROPERTIES

- Inhibits weed growth
- Deters ants and other insects
- Eliminates joint erosion – water, frost heaving, wind, power washing, etc.
- Water resistant 90 minutes after installation
- Stabilizes pavers – Strengthens interlocking

DESCRIPTION

Issued from the latest generation of polymers, TECHNISEAL® RG+ becomes water resistant quickly after activation. Designed to make joint stabilization easier than ever, RG+ Polymeric Jointing Sand is a high-tech mix of graded sand (ASTM C-144) and binder, specially formulated for the filling of narrow or wide joints when installing pavers, slabs or natural stones, or when replacing existing joints. It is ideal for surfaces exposed to light vehicular traffic, such as small commercial parking lots, driveways, terraces, backyards, garden paths, access roads, etc.¹. Easy to use, RG+ is applied dry; it starts to set a few minutes after wetting, quickly becoming resistant to erosion due to water (rain, splashes, sprinklers, etc.). Once dry and polymerized, TECHNISEAL® RG+ polymeric sand also resists insect invasion and inhibits weed growth. Remaining flexible, it follows the movements of pavers or slabs.

MINIMUM JOINT WIDTH: 1/8" (3 mm)

MAXIMUM JOINT WIDTH: 1" (2.5 cm)

MINIMUM JOINT DEPTH: 1.5" (4 cm)

¹For high-humidity areas, areas exposed to heavy traffic such as large commercial parking lots, crosswalks, public ways, etc. or for steep sloped surfaces or surfaces exposed to large amounts of standing water, we recommend the use of HP² Polymeric sand (High-Performance formula).



Techniseal® Polymeric Sand counts towards LEED credits, based on the use of regional and recycled materials.

DIRECTIONS

Test: On large residential and commercial projects, test the product on approximately 50 sq. ft. (4.6 m²) and have it approved by a specifier or the customer.

Weather conditions: Check the weather forecast: Ideally, there should be no precipitation for the next 24 hours. Although the product can resist unforeseen rainfall, it could be affected by a storm. Temperature should remain above 0°C during the 48-hour drying period.

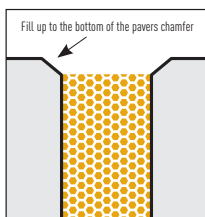
Surface conditions: Surface must be dry to prevent moisture from activating the polymer, which could make sand stick to the surface and stain it.

Before you begin: Wear adequate protective clothing. In case of uncertainty regarding the installation of this product or for any further assistance, please contact technical support at 1 (800) 465-7325.



1. Spreading Sand over the pavers:

Surface must be dry. Spread sand uniformly over the surface. Using a push broom, sweep the product so as to fill the joints completely, down to their full depth. Avoid sweeping the product over long distances, so that the integrity of polymeric joint is preserved.



2. Compacting the Sand:

This step is critical to obtain solid, durable joints. Without mechanical compaction, joints will remain weak and fail quickly.

Run a plate vibrator over the entire surface to fully firm up the joints.

Note: Check with the paver supplier about the suitability of using a plate vibrator. On textured pavers, use a rubber mat to prevent scuffing the pavers.

Repeat steps 1 & 2 until joints are completely packed. Joints must be filled up to the bottom of the pavers chamfer, or at least up to 1/8" (3 mm) below the top of the pavers.



3. Wetting the joints:

This step must be followed closely in order to ensure optimal results.

Important! Before wetting the surface: **Remove all sand residue with a leaf blower.** Keep the leaf blower at a good distance, so as to not empty the joints. This will avoid having product residue activated with water and stick to the surface of the pavers or slabs. Surfaces must be free of the product.

Since RG+ starts repelling water only a few minutes after it gets wet, it is essential to wet 200 sq. ft. (20 m²) of surface at a time. Ensure that the wetting of one section is finished before another section is started. Wetting of the entire project should be done without interruptions.



1. Set the spray nozzle to "shower".
2. Start showering from the bottom of the slope.
3. Wet the section for **approximately 30 seconds** without displacing the sand.
4. Wait a few seconds and wet the same section again for **approximately 30 more seconds** to wet the joints completely.
5. Using a small screwdriver, verify the progress of the wetness in the section. The objective is to get joints wet 1 1/2" (4 cm) deep.
6. Immediately move on to an adjacent 200 sq. ft. (20 m²) section. **Avoid excess flooding of the surface, which could cause unwanted run-off.**

Tip: On textured pavers, after wetting the joints, use a leaf blower to blow excess water off the surface. This will remove any remaining sand and polymer residue, which will prevent hazing

Existing installation: For all joint replacement projects, use HP² Polymeric Sand.

Drying: To ensure optimal cohesion and long-term stability, RG+ must dry completely after initial wetting. Drying time will be shorter if it is warm and dry, and longer if the climate is cool and damp. Temperature should remain above 32°F during the entire drying process (minimum 48 hours).

Down time before using:

- Pedestrian areas: no specific considerations
- Motor-vehicle areas: 24 to 48 hours

IMPORTANT

Do not apply to wet or damp surfaces as the activation of the binder will make TECHNISEAL® Polymeric Sand stick to the surface and prevent it from flowing down into joints. Do not mix Polymeric Sand with cement or sand. Avoid excessive wetting or flooding of paved areas during installation. Not for use on submerged or constantly wet surfaces. Do not use as a substitute for mortar (e.g. paving stones installed over a concrete bedding). Use on pavers or slabs installed over a drainage bed (sand-set).

COVERAGE

22.7 Kg cover 60 to 75 sq. ft. (6–7 m²) with narrow joints, or 25 to 40 sq. ft. (2,3–4 m²) with wide joints. Required quantity will depend on the shape and size of the pavers or slabs, and on the width of joints.

PACKAGING

Polymeric Sand	Product Code	Colour	Retail Size	Units per pallet
RG+	191-637	Tan	50 lb. (bag)	56
	191-667	Karbon	50 lb. (bag)	56
	191-647	Granite	50 lb. (bag)	56
	ID21-647	Western Grey	50 lb. (bag)	56
	CA21-637	Napa Tan	50 lb. (bag)	56
	CA21-647	Sierra Grey	50 lb. (bag)	56
	ID21-637	Western Tan	50 lb. (bag)	56
	MP21-627	Bourbon Tan	50 lb. (bag)	56
	MP21-637	Southern Tan	50 lb. (bag)	56
	MP21-647	Southern Grey	50 lb. (bag)	56
	NE21-637	Prairie Tan	50 lb. (bag)	56
	NE21-647	Prairie Grey	50 lb. (bag)	56
	ON91-637	Niagara Tan	50 lb. (bag)	56
	ON91-647	Nordic Grey	50 lb. (bag)	56
	GA21-637	Canvas Tan	50 lb. (bag)	56
	GA21-647	Slate Grey	50 lb. (bag)	56
	MI21-637	Mojave Tan	50 lb. (bag)	56
	PX91-637	Sandstone Tan	50 lb. (bag)	56

Colours vary from one region to another. Shipping fees will be added to non-local sands.
 Consult your Techniseal dealer for colour availability, pricing and delivery time.

STORAGE and SHELF LIFE

Store product in its original packaging, in a dry place and away from U.V. rays. Bags may be stored outside if they are properly protected with an opaque and waterproof tarp.

WARNING

CAUTION. MAY CAUSE SKIN, EYE AND RESPIRATORY IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. PROLONGED INHALATION MAY CAUSE LUNG DAMAGE AND CANCER. **CONTAINS:** Portland cement and crystalline silica. **Warning:** This product contains crystalline silica which is known to the State of California to cause cancer. Avoid contact with eyes, skin and clothing. Do not breathe dust. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN. FIRST AID:** Eye contact: Immediately flush eyes with water for at least 15 minutes and call a physician or Poison Control Center. Skin contact: Wash thoroughly with soap and water.

FOR PROFESSIONAL USE ONLY

FOR MORE INFORMATION, CONSULT THE MATERIAL SAFETY DATA SHEET

SHIPPING

Land and sea

NOT REGULATED

LIMITED WARRANTY

Manufacturer, having no control over the use of the materials, does not guarantee finished work. Replacement of any defective product shall be the buyers sole remedy under this warranty. A proof of purchase will be required for any claim. Before using this product, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. User shall test product in a small inconspicuous area (approx. 4 sq. ft.) under projected conditions of use. In the event that no test was carried out, the warranty will only apply to 4 sq.ft. This limited warranty excludes any liability for any consequential, incidental, indirect or special damages. Except for the limited warranty made above, manufacturer specifically disclaims and excludes any other express warranty, any implied warranty of merchantability of goods and implied warranty of fitness of goods for any particular purpose.