



RG+ Polymeric Jointing Sand for Pavers



+ Fast
+ Easy
+ Strong

UPDATE

May 21, 2009

Make sure that you have an up-to-date technical data sheet in hand by consulting our Web site: 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.†
- Driveways, patios, terraces, commercial parking lots, pedestrian areas, etc.

PROPERTIES

- Water resistant after 90 minutes
- For surfaces exposed to normal traffic
- Applied dry – Hardens after being misted
- Inhibits weed growth
- Deters ants and other insect infestation
- Resists erosion – water, frost heaving, wind, power washing, etc.
- Stabilizes pavers – Strengthens interlocking

DESCRIPTION

Issued from the latest generation of polymers, RG+ becomes water resistant quickly after activation. Designed to make joint stabilization easier than ever, RG+ is recommended for the filling of paver or slab joints on surfaces exposed to normal traffic, such as driveways, terraces, backyards, garden paths, access roads, etc¹. 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.

Maximum width: 1"; a larger joint width is acceptable where the pavers intersect.

Joint depth: Fill paver joints completely. Minimum depth: 1.5".

¹For highly-exposed surfaces such as public ways, sloped driveways and pool decks, we recommend the use of HP Polymeric sand (High-Performance formula).

†Use on pavers or slabs installed over a drainage bed (sand-set).

DIRECTIONS

Wear adequate protective clothing. **To ensure the results will meet your expectations, it is advisable to test the product on a small hidden area.**

Weather conditions: Use product under **dry weather and when there is no rain forecasted** for 90 minutes. Temperature should remain above 32°F (0 °C) during the drying period.



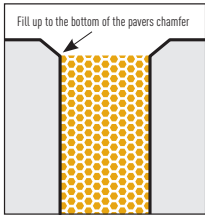
1. Installation:

Surface must be completely dry. Spread RG+ 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. Compaction:

This step is essential to obtain solid, durable joints.
Pass a plate vibrator over the entire surface to fully firm up the joints.



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" below the top of the pavers.

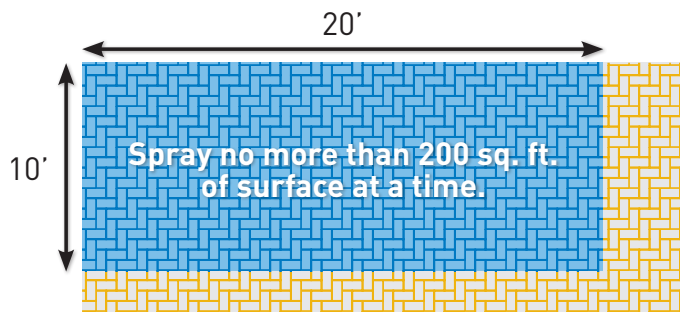


3. Wetting:

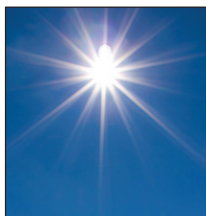
Important: Sweep the surface with a fine bristle brush and remove all residue with a leaf blower. It will avoid having product residue activated with water and stick to the surface of the pavers or slabs. Surfaces must be free of the product. **Since RG+ starts repelling water only a few minutes after it gets wet, it is essential to spray no more than 200 sq. ft. of surface at a time.** Ensure that the wetting of one section is finished before another section is started. **Principle:** Produce a fine mist so that the water falls gently without displacing the polymeric jointing sand. Moisten the whole section lightly and in a continuous manner. As soon as the water has soaked into the sand, mist the section again. Stop misting if sand refuses to absorb any more water. If water is still absorbed, repeat misting a third time but avoid flooding the surface and causing run-off. Then, move on to the adjacent section.



Caution: foaming and run-off on the surface are caused by excessive watering; adjust spraying accordingly.



Drying:



RG+ will become water resistant after 90 minutes* and should not be exposed to rain within that period.

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.

Down time before using:

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

To preserve the appearance and the integrity of pavers installed with TECHNISEAL® polymeric jointing sand, it is advisable to treat the surface with a TECHNISEAL® protective product. Wait 30 days after installation before treatment.

*At 75°F; drying may take longer at a colder temperature.

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 start RG+ installation if rain is forecasted for the next 90 minutes. 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

50 lb. cover 60 to 75 sq. ft. with narrow joints, or 25 to 40 sq. ft. with wide joints. Required quantity will depend on the shape and size of the pavers or slabs, and on the width of joints.

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.

PACKAGING

Polymeric Sand	Product Code	Color	Retail Size	Units per pallet
RG+	191-637	Tan	50 lb. (bag)	56
	191-647	Granite	50 lb. (bag)	56
	CA91-637	Napa Tan	50 lb. (bag)	56
	CA91-647	Sierra Grey	50 lb. (bag)	56
	ID91-637	Western Tan	50 lb. (bag)	56
	MP91-627	Bourbon Tan	50 lb. (bag)	56
	MP91-637	Southern Tan	50 lb. (bag)	56
	MP91-647	Southern Grey	50 lb. (bag)	56
	NE91-637	Prairie Tan	50 lb. (bag)	56
	NE91-647	Prairie Grey	50 lb. (bag)	56
	ON91-637	Niagara Tan	50 lb. (bag)	56
	ON91-647	Nordic Grey	50 lb. (bag)	56

Contact your local dealer for color availability in your area

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

Since it has no control over surface preparation and product application, Techniseal® can not guarantee the results. Techniseal® warranty is limited to the replacement of product proven defective. A proof of purchase will be required for any claim. Note: User should have an up-to-date technical data sheet handy (techniseal.com) and make sure that this product meets his or her needs by carrying out a test under anticipated conditions of use.