



## HP and RG POLYMERIC SANDS

for PAVEMENT JOINTS

30 kg

66 lb.

Choice of colors

Tan/Ochre

Granite Grey

### UPDATE

**June 23, 2004**

Make sure that you have an up-to-date technical data sheet at hand.

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

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

[www.techniseal.com](http://www.techniseal.com)

### FUNCTION

- Stays in place better than any other sand
- Resists erosion – Water, frost, wind, street sweepers, etc.
- Inhibits weed growth
- Resists ants and other insects
- Stabilizes pavers – Follows movements
- Applied dry – Hardens after being sprayed
- For wide or narrow joints

### APPLICATIONS

- Concrete pavers and slabs
- Ports and airports: taxiways, fuelling areas, parking areas, etc.
- Institutions: hotels, hospitals, public buildings, schools, etc.
- Public ways: streets, pedestrian crossings, sidewalks, parking lots, etc.
- Homes: pool decks, driveways, sidewalks, patios, etc.

## DESCRIPTION

TECHNI-SEAL POLYMERIC SAND FOR PAVEMENT JOINTS is a high-tech mix of graded sand and binder, specially formulated for the filling of narrow or wide joints when installing<sup>†</sup> pavers or slabs, or when replacing existing joints. Unlike regular sand, it perfectly stays in place and remains stable; this is why it effectively resists erosion caused by water, frost, wind, street sweepers, etc. In addition, it prevents insect infestation and inhibits weed growth. It stabilizes all horizontal or sloped surfaces such as driveways, patios, sidewalks, pool decks, public ways, parking lots, airport traffic areas, etc. Remaining flexible, it follows the movements of pavers or slabs. It helps keep the surroundings clean by preventing joint sand from getting into the house or pool. Easy to use, TECHNI-SEAL POLYMERIC SAND is applied dry and hardens after wetting.

<sup>†</sup>Use on pavers or slabs installed over a draining bedding (sand or stone dust). ICPI recommends the use of sand as bedding material for pavers and slabs.

## DISTINCTIVE FEATURES

**HP POLYMERIC SAND:** high-performance mix made of the latest-generation of polymers; specially formulated for the filling of paver or slab joints<sup>†</sup> in heavy-traffic areas such as pool decks, sloped driveways, public ways, etc.; recommended for the replacement of existing joints; unrivalled effectiveness and durability.<sup>1</sup>Maximum width: 2,5 cm (1"); a larger joint width is acceptable where the pavers intersect. Minimum depth: 3 cm (1.25").

**RG POLYMERIC SAND:** specially formulated for the filling of paver or slab joints<sup>†</sup> on horizontal surfaces exposed to normal traffic: driveways, patios, sidewalks, etc. <sup>1</sup>Maximum width: 1.5 cm (0.5"); a larger joint width is acceptable where the pavers intersect. Minimum depth: 4 cm (1.5").

## COLORS

Tan/Ochre, Granite Grey.

## DIRECTIONS

**Weather:** Use product under **dry weather and when there is no rain forecasted** for 24 hours<sup>3</sup>. Temperature should be above 15°C (60°F) for RG POLYMERIC SAND, or above 5°C (40°F) for HP POLYMERIC SAND. If product is applied under damp or cool weather, it won't harden and its binder will be washed away by rain.

**APPLICATION:**

Surface must be completely dry. **1)** Cover with POLYMERIC SAND; using a brush, sweep POLYMERIC SAND into joints to fill them completely; sweep surface clean of SAND to avoid staining during compaction. **2)** Compact surface at least twice with a plate vibrator\*. **3)** Repeat steps 1 and 2. **4)** Proceed with wetting.

\*A rubber roller attachment or carpet can be used under the plate to protect pavers or slabs from damage. Check with the supplier as to the suitability of compacting pavers or slabs 2 inches (50 mm) or less in thickness.

**WETTING:**

**Important:** Surface must be free of SAND. Wetting must be performed gradually in **three or more sprayings**; each time, especially during the first spraying, be sure not to flood pavement or generate run-off, as this could wash out the binder, especially on sloped sites.

**Sprayings:** Use a very fine mist so that the water falls lightly on pavement without displacing SAND; take care not to direct the jet directly on the surface. **First spraying:** Damp surface very lightly with a fine mist; this first spraying will stabilize SAND on the surface and make it more absorbent for subsequent sprayings. Wait for 5 to 10 minutes. **Subsequent sprayings:** Lightly spray surface in 5 to 10 minute intervals, so as to gradually soak joints; repeat sprayings until joints are soaked down to the bottom, and this, using a minimum amount of water; using a small screwdriver, check wetting progress in several spots by emptying a little section of SAND down to the bottom of the joint. Let dry for at least 24 hours before allowing traffic on the surface.

<sup>3</sup>After application, if there is a risk of rain during drying time, protect the pavement with a tarp.

## NOTE

Do not apply to wet or damp surfaces as the activation of the binder will make POLYMERIC SAND stick to the surface and prevent it from flowing down joints. Do not use if rain is forecasted. Minimal maintenance may be required in certain areas. Do not mix POLYMERIC SAND with cement. Avoid excessive wetting or flooding of paved areas. Do not use as a substitute for mortar (e.g. paving stones installed over a concrete bedding).

<sup>†</sup>Use on pavers or slabs installed over a draining bedding (sand or stone dust).

**COVERAGE**

30 kg (66 lb.) cover 6 to 9 m<sup>2</sup> (65 to 100 sq. ft.) with narrow joints, or 2 to 4 m<sup>2</sup> (20 to 45 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.

**PACKAGING**

**Canada**

Name	Product Code	Color	Retail Size	Units per pallet
HP	141-838	ochre	30 kg	56
	141-848	granite grey	30 kg	56
RG	141-738	ochre	30 kg	56
	141-748	granite grey	30 kg	56

**USA**

Name	Product Code	Color	Retail Size	Units per pallet
HP	121-838	tan	66 lb.	56
	121-848	granite grey	66 lb.	56
RG	121-738	tan	66 lb.	56
	121-748	granite grey	66 lb.	56

**WARNINGS**

**CAUTION:** Sweeping may cause airborne dust. Inhalation of dust is a serious health risk. A “NIOSH” (US) or a “CSA” (CDN) approved respirator must be worn at all times. Contact your local safety equipment supplier for appropriate safety equipment and respirators.

MAY CAUSE SKIN AND EYE IRRITATION

Avoid prolonged or repeated contact with skin and eyes. Avoid breathing dust.

In case of contact: flush eyes with flowing water for 15 minutes; wash skin with soap and water. Wash thoroughly after handling.

**SHIPPING**

**Land and Sea**

••• Not regulated

**LIMITED WARRANTY:** Since it has no control over surface preparation and product application, Techni-Seal can not guarantee the results. Techni-Seal’s warranty is limited to the replacement of product proven defective. Note: User should have an up-to-date technical data sheet handy and make sure that this product meets his or her needs by carrying out a test under anticipated conditions of use.