

# Our Polymeric Sands for Pavement Joints and Concrete Adhesives...



...because you want your pavers and retaining walls to retain their solidity and beauty for a long time.

For an additional charge equivalent to a fraction of the overall cost of your hardscaping project, **Techni-Seal Polymeric Sands** and **Concrete Adhesives** will provide significant added value to your investment.

Our **Polymeric Sands** stay within joints better than any other sand. So, they provide stability and durability to pavers, inhibit weed growth and resist insect infestation.

Our **Concrete Adhesives** provide long-term solidity to steps and retaining walls.

Ask for **Techni-Seal**, the world's leading manufacturer of installation and maintenance products for pavers and slabs.



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## POLYMERIC SANDS

for PAVEMENT JOINTS

30 kg / 66 lb.



- Resists erosion – Stays within joints
- For pavements made of concrete, clay, natural stone, etc.<sup>†</sup>
- Stays in place better than any other sand
- Inhibits weed growth
- Resists ants and other insects
- Stabilizes pavers – Follows movements
- Applied dry – Hardens after being sprayed

Choice of colors<sup>‡</sup>

Ochre/Tan

Granite Grey

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.

**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>†</sup>Maximum width: 1.5 cm (0.5"); a larger joint width is acceptable where the pavers intersect. Minimum depth: 4 cm (1.5").

**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>†</sup>Maximum width: 2.5 cm (1"); a larger joint width is acceptable where the pavers intersect. Minimum depth: 3 cm (1.25").

### directions

**Weather:** Use product under **dry weather and when there is no rain forecasted** for 24 hours<sup>‡</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<sup>\*</sup>. **3)** Repeat steps 1 and 2. **4)** Proceed with wetting.

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

### 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.

### 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 into 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).

<sup>‡</sup>Color may vary from one region to another.

## RG and HP CONCRETE ADHESIVES

for WALLS, PAVERS AND SLABS

311 mL / 10.5 fl. oz. and 858 mL / 29 fl. oz.

300 mL / 10.15 fl. oz.



### RG Adhesive

- Ideal for retaining walls
- Super-adherent on dry, wet or frozen surfaces
- Elastomeric resin – Remains flexible
- Resists the elements (frost, rain, etc.)
- Economical

### HP Adhesive

- Ideal for steps and sidewalks
- Permanent bond, as resistant as the material
- Elastomeric resin – Remains flexible
- Resists the elements (frost, rain, etc.)
- Won't shrink – Only a small quantity required
- Contains little solvent – Environmentally friendly

Specially formulated for the construction of concrete works, TECHNI-SEAL RG and HP ADHESIVES are first-quality products designed to resist the elements (water, frost, etc.). They provide a strong and durable bond.

**RG ADHESIVE:** elastomeric-resin-based compound. Remaining flexible, it is ideal for the construction of retaining walls. Most effective on dry surfaces. Can also be used on wet or frozen surfaces (allow for longer curing period). More economical than HP ADHESIVE.

**HP ADHESIVE:** high-tech product made of moisture-cure urethane, i.e., which cures quickly by reacting with ambient humidity. Flexible and as solid as the material, it is ideal for use in heavy traffic areas (sidewalks, steps, etc.). It adheres to most materials (concrete, wood, metal, etc.). Stronger than regular adhesives, it allows you to use less product for equal results. Low in volatile organic compounds (V.O.C.), it does not give off strong fumes and it is environmentally friendly.

### directions

**RG ADHESIVE:** Surface should be clean and, ideally, dry. Apply a maximum thickness of 1 cm (3/8"); join pieces together immediately with a slight twisting motion.

**HP ADHESIVE:** Temperature should be above 5°C (40°F). Surface should be clean and dry. Wear gloves. Apply a maximum thickness of 1 cm (3/8"). Drying time will vary depending on ambient humidity.

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