

High-Strength Polymerized Sand

Product Description:

Poly-Sand™ is a polymer modified finishing sand designed to complement and enhance stone paver installation. Poly-Sand™ forms a solid, resilient joint material that stays in place, and provides excellent resistance to weed growth, insect mining and erosion. It will resist scouring caused by sweeping, water rinsing and traffic.

Poly-Sand™ has the ability to expand and condense. This elasticity ensures that the paver joints avoid cracking and are properly filled at all times. It controls erosion, is flexible, self healing, and reduces maintenance.

Poly-Sand is available in two grades: **RG** for residential installations and **CG** for commercial installations.

Poly-Sand™ is a blended mixture of selected top quality mason-grade sands and a special polymer designed specifically for this use. When the polymer is activated (by water), the Poly-Sand™ goes from a dry sand layer to a polymerized material that firms up in the joints between each stone paver. Poly-Sand™ forms a firm, flexible, solid one-piece joint that adheres to the surrounding pavers. The unique polymerization of Poly-Sand™ keeps it from being blown or swept away, and disappearing into the soil. It stays in place between the blocks or bricks, yet looks identical to standard non-polymerized sands routinely used for paver installation.

Poly-Sand™ will also help to minimize paver movement, and prevent water infiltration into the paver base which can affect the integrity of the sub-base that can eventually lead to problems with settling, etc of the paver installation.

Product Details:

Poly-Sand™ is packaged and sold in 60 Lb. (29.5kg) bags 56 bags per pallet, and is available in two colors available, Tan and Gray.

Average compressive strengths: RG - 2800 psi*
CG - 3500 psi*

* ½" X ½" cube cured 7 days

Poly-Sand™ should only be used when pavers or tiles are installed on a drainage bed system (stone dust, crushed stone, sand). It is not recommended when pavers or tiles are set above a concrete base. Poly-Sand™ is resilient and won't crack under paving stone or slab movement.

Installation instructions:

**DO NOT USE POLY-SAND™ FOR JOINTS GREATER THAN 1/2" WIDE
OR SLOPE GRADES GREATER THAN 5%!**

1. Prior to application of Poly-Sand™, **ensure that the surface of the stone is dry** and that the paver joints are clean. (CAUTION: Do not apply when stones are damp as this can prematurely activate the polymer and sand will bond to the surface of the pavers.)
2. Pour Poly-Sand™ evenly over the area. Sweep the sand repeatedly over the paver stone joints until they are completely filled with sand. Surface vibration using a gas powered plate compactor is recommended to ensure compaction. Hand tampers may also be used.
3. Once all joints are filled and adequately compacted, thoroughly sweep all excess sand from the surface of the pavers, especially the tops of the pavers next to the joint lines. Cleaning is very important since once the sand is wet it will harden and be difficult to remove.
4. Moisten the area with a wide, light spray, allowing water to flood into the paver joints. Do not flood extensively. A controlled misting spray using a spray nozzle is ideal. Using too much water at one time can wash material away or wash it out of the joints onto the surface. Repeat this step 2-3 times at 10 minute intervals.
5. Let dry, without traffic, for approximately 18-24 hours. Protect the surface from rain during this time for best results.

Safety & Handling Instructions:

KEEP UNUSED POLY-SAND™ SAND DRY! Do not apply if rain is forecast within 3 hours of the application or the temperatures are expected to go below freezing. If treating an existing walkway, patio, or previously laid pavers, make sure the joints are clean and free of debris, preferably to the base of the paving stone but at least to a depth of 1" below the surface of the pavers.

Always wear dust masks, goggles, and gloves while using Poly-Sand™. If the product comes in contact with eyes, rinse them thoroughly with water. Poly-Sand™ contains silica sands and cements. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases such as silicosis and pneumoconiosis. Can cause dermatitis and alkali burns.

ORDER SPECIFICATION

Product: Poly-Sand™	Colors – Tan and Gray
Shipping Weight: 60 lbs (27 kg)	56 bags per pallet (pallet quantities only)

*Concrete Coatings Inc., warrants its products to be free of manufacturing defects and that they will meet Concrete Coatings Inc. current published physical properties when applied in accordance with Concrete Coatings Inc. written directions and tested in accordance with ACI, ASTM and Concrete Coatings Inc. Standards. There are no other warranties by Concrete Coatings Inc. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Concrete Coatings Inc. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Concrete Coatings Inc. will not be responsible for use of this product in a manner to infringe on any patent held by others. User assumes all liability and risk associated with use, selection, application and warranty of product. Concrete Coatings Inc. makes no representation as to the suitability of product for any application and/or damages of any kind directly or indirectly associated with its selection or application. *

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