



CEMENT & CONCRETE PRODUCTS™

POWERLOC® JOINTING SAND

PRODUCT NO. 1150-47

DIVISION 32

Sand Seals, Flexible Paving 32 01 13

PRODUCT DESCRIPTION

QUIKRETE® PowerLoc® Jointing Sand is graded sand blended with a polymer binder specifically designed for filling joints between interlocking pavers, brick, patio block and concrete slabs.

PRODUCT USE

- Resists Erosion
- Non-Staining
- Resists Weed Growth and Insects
- Designed For Commercial and Residential Use
- For New Joints or Replacement of Existing Joints

Availability/Yield: PowerLoc® is available in 50 pound (22.7 Kg) bags. See the table below for typical material requirements.

**Based on standard 2" x 4" x 8" brick. Usage will be different for other*

Square Ft (M ²)	16 (1.5)	64 (5.9)	100 (9.3)	400 (37.2)
¼" (6mm)	1 bag	2 bags	3 bags	10 bags
½" (12 mm)	1 bag	3 bags	5 bags	18 bags

brick sizes. All yields are approximate and do not include allowance for waste, uneven joint width, etc.

Applications: Preparatory Work: Prepare the paver base with HardScapes Paver Base (#1175-45) or QUIKRETE Patio Paver Base Sand (#1150-50) to provide proper drainage characteristics. Pavers must have a clean and dry surface for proper application to prevent material from hardening on top of pavers..

Installation:

- Using a broom, sweep PowerLoc® into the paver joints, filling up to the paver shoulders (chamfers).
- Compact sand into joint spaces as thoroughly as possible.
- Carefully brush any remaining sand from paver surface. Remove both sand and dust before dampening for good appearance. Lightly blowing with a leaf blower will remove dust without disturbing joints.
- A minimum of 24 hours drying time is required prior to allowing foot traffic and 72 hours for vehicular traffic. Humid and wet conditions and low temperatures will delay stiffening.
- QUIKRETE® PowerLoc® will stiffen and stabilize pavers. It will soften in wet conditions and heal disruptions caused by movement of the underlying ground. Pavers move in response to underlying ground movements and traffic. Good substrate compaction and rigid edging will reduce paver movement.

Dampening: Apply a gentle fine mist to the filled joints, flooding the faces of the pavers and allowing the water to run into the joints. Do not



flood the sand onto paver surfaces. Repeat dampening at regular intervals three or more times for the first hour after placement. The joints must be allowed to eventually dry in order for the PowerLoc® to firm. NOTE: Avoid over-watering joints. Maintain the joint in a damp condition without washing the jointing sand away.

Precautions:

COLD WEATHER: Temperatures should remain above 35°F (2°C) for a minimum of 12 hours after application. Protect from rain for at least 12 hours. No sealer is required. Sand remaining on paver faces can create a slight haze after wetting. A minimum of 24 hours drying time is required prior to allowing significant foot traffic and 72 hours for vehicular traffic on the paver surface. Polymeric sands are designed to soften and re-heal. Therefore, polymeric sands are not appropriate for applications where high heels are worn or where standing water or streams of water are expected. When a permanently hard surface is desired, a cementitious sand mix is the recommended alternative. Cementitious mixes can leave a cement haze on pavers, brick and natural stone. Any haze which might be formed is easier to remove from concrete or natural stone than from pavers. A sand mix should be mixed with water and an acrylic fortifier and used as bedding for the pavers. The pavers should be pressed into the bed allowing the sand mix to fill the paver joint, without coating the paver top.

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

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** Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications*