



PERMASAND POLYMERIC JOINTING SAND

◆ The Pro's Choice Since 1936



Sakrete® PermaSand Polymeric Jointing Sand is a mixture of sand and special additives designed to fill the joints between pavers, bricks or natural stone.

Features:

- Reduces weed growth
- Resists joint wash out
- Resists insect penetration
- Open to foot traffic in 24 hours
- Open to light vehicular traffic in 72 hours

Use For:

- Filling paver joints in patios, driveways or walkways

Size/Coverage*:

Size	Coverage: 1/4" joint - 2" thick paver
40 lb pail	30 to 45 ft ² (2.8 to 4.2 m ²)

*Coverage varies considerably depending on size, shape and depth of paver. For more accurate coverage information based on actual paver dimensions use our website calculator: sakrete.com.

Technical Data:

DIVISION 32

Stone Paving - 32 14 40

Color:

Brown and Gray

Recommended Dimensions:

- Joint width: Minimum joint width is 1/4" (6.4 mm).
- Maximum joint width: 1.5" (38 mm)
- PermaSand can be used in pavers with false joints that are 3/8" (9.5 mm) deep. However special care must be taken while cleaning off excess dust for the pavers, especially if a leaf blower is used. In addition the wetting procedure differs slightly than when filling full depth joints.

Installation:

1. Pavers must be installed on an adequate drainage base such as sand, stone dust or preformed paver base material.
2. For existing pavers, clean the joints between the pavers to the full depth of the paver.
3. PermaSand should be applied when temperatures are above 40°F (4°F) and no rain is forecast within 24 hours.
4. Pavers must be completely dry. If pavers are damp or wet the polymer will leave a stain on the surface.
5. Pour PermaSand onto the pavers. Using a broom sweep PermaSand into the joints. Material should be applied to within 1/8" (3.2 mm) of the top of the paver. If the pavers have a beveled top do not fill the beveled section.
6. PermaSand must be placed in the full depth of the joint. Do not use sand or other material to partially fill the joint.
7. To ensure that the dry PermaSand fills the entire joint it is necessary to compact the material before wetting. If possible run a vibratory compactor over the pavers. If this is not practical use a broom handle to tap on the pavers. The PermaSand level with drop. Refill the joints and repeat the tamping process.
8. Using a leaf blower set on low speed hold the blower about waist high and blow the excess dust from the top of the pavers. FAILURE TO ELIMINATE ALL DUST MAY RESULT IN STAINING. THIS IS ESPECIALLY CRITICAL WITH RED AND TEXTURED PAVERS. If a leaf blower is not available, use a fine bristle brush to remove all PermaSand from pavers. If the pavers have a false joint extra care must be taken when cleaning and wetting to keep from dislodging the PermaSand. It may be necessary to adjust the water to the "mist" setting to avoid displacing the PermaSand. It may not be possible to use a leaf blower on pavers with a false joint.
9. THE PROCESS OF WATERING THE PERMASAND IS CRITICAL. INSUFFICIENT WATER WILL NOT ALLOW THE PERMASAND TO HARDEN THE FULL DEPTH OF THE PAVER. TOO MUCH WATER WILL LEAD TO STAINING. Adjust the spray nozzle to the "shower" setting. Spray using a back and forth motion. Look carefully at the joints to see if the water is soaking in. Stop spraying and watch the joint surface. If all water has soaked in keep spraying. Repeat until the joint will not accept any more water. Do not allow water to splash PermaSand onto the pavers. Do not add so much water that a white film (the polymer) will appear and float out of the joint and onto the pavers. The wetting process should be done without interruption. If too much time elapses the surface of the PermaSand will set and prevent water from reaching the bottom of the paver. If the surface of the joint is hard but the bottom doesn't receive sufficient water the PermaSand will eventually fail.

Curing:

1. PermaSand should be protected from rain for 24 hours. It may be necessary to cover PermaSand if a hard downpour occurs within 72 hours.
2. PermaSand may take up to 48 hours or longer to set depending on temperature and humidity or substrate conditions.
3. Sharp heavy objects may penetrate PermaSand even after it has taken a final set.

PermaSand should not be used in areas that are subject to standing water

NOTE: Proper application and installation of all Sakrete products are the responsibility of the end user.