



SmartSand

for Concrete Interlocking Pavers

DRACO 250

THE ART OF SMART SAND

UPDATE: June 1, 2024

Visit our website: www.ezmixinc.com or dial 1- 818-768-0568

Make sure you have an updated data sheet on hand

DESCRIPTION:

Draco 250 Smart polymer sand is made with a state-of-the-art manufacturing process. Specifically calibrated sand is mixed with polymeric binders that flow smoothly down joints for a fast and effective installation of pavers or slabs with false or wide joints.

Draco 250 Smart polymer sand® is recommended for a variety of uses, including pool decks, patios, footpaths, driveways, parking spaces, steep slopes, etc. Applied dry, it hardens after being activated with water. Once sets, it becomes very firm and locks between the paver joints while still retaining flexibility and providing a long-lasting, durable jointing material. It allows joints to resist erosion, weeds, and insects.

PROPERTIES:

- Grouting of external pavers for joints from 1 mm to 10 mm wide.
- Meets ASTM C144 specifications.
- Helps prevent weeds and damage caused by burrowing insects.
- Haze Free
- No Dust
- Helps prevent erosion due to wind, rain, and freeze-thaw cycles.
- Stabilizes paver installations— follows movement.



APPLICATIONS:

- For concrete pavers, wet-cast pavers, natural stone, textured or clay pavers, and porcelain tiles.
- For high humidity areas and pool decks.
- For false joints.
- For commercial, residential, industrial, and public projects.
- For heavy sloped and high traffic areas.
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Packing: 20 Kg Paper bag

Coverage :

Coverage varies due to different factors such as paver dimensions and joint width etc..

Ask the salesperson for the required coverage or visit our website:

www.smartpolymersand.com

STORAGE AND SHELF LIFE:

Store the product in its original packaging in a dry place, away from direct sunlight and UV rays. Bags may be stored outside if they are properly protected by the original plastic hood and stretch wrap.

- If storing products outdoors in unprotected areas, inspect the pallets upon receipt of goods.
- If any damage is observed to the pallet cover, bring any pallet with damaged pallet wrapping into a protected and covered area.
- Once a pallet is opened, it is important to bring the material into a protected and covered area immediately.

PREPARATION INFORMATION:

Before proceeding with the installation, always refer to the latest Logic Sand Max Technical Data Sheet (TDS).

- **Draco 250 Smart polymer sand** should not be diluted with any other material prior or during installation.



TECHNICAL DATA SHEET

- **Draco 250 Smart polymer sand** must be installed from the top of the upper layer of the drainage base to a height of 1/8" (3mm) from the top of the paver or stone substrate.
- All paver surfaces must have a slope of 1/8" per linear foot away from the structure to ensure optimal performance.
- Avoid excessive wetting or flooding of paved areas during installation.
- Temperature must be above (0 °C) during and for 48 hours following installation.
- Always do a product test before you begin. Test on a 1 sq. m of an inconspicuous area. On large projects, test the product on approximately 5 sqm and have it approved by a specifier or the customer.

TOOLS NEEDED:


- Push Broom • Fine-Bristle Broom
- Plate Compactor
- Leaf Blower
- Garden Hose with Spray Nozzle
- Check weather forecasts. Although **Draco 250 Smart polymer sand** can resist unforeseen rain for 60 minutes after installation, it is recommended to plan for at least 24 hours without rain to achieve optimal performance.
- Pavers must be installed on a drainage base composed of an upper layer of a maximum 1-inch thickness of bedding sand and a lower layer of crushed stone as per ICPI recommendation.
- Do not apply product to wet surfaces. The activation of the binder will cause the Draco 250 Smart polymer sand to adhere to the surface and prevent it from flowing into the joints.
 - The product does not contain any artificial colorants.
 - Appearance is entirely defined by the natural color of the quartz /silica sand.
 - Slight shade variations may occur between different production batches








INSTALLATION INSTRUCTIONS:


REPEAT X2*


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1 Disperse product evenly over a small area.
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2 Sweep with a push broom in all directions so joints are filled.
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3 Run plate compactor over surface to compact the sand.
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4 Remove excess sand from surface with a fine-bristle broom.
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5 Remove all sand residue with the leaf blower.
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6 Sand must be at least 1/8" lower than the top of the surface.

REPEAT X2**

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7 Set spray nozzle to shower and wet a 200 sq. ft. area for 30 sec. and repeat once more.
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8 Use a blower to remove any excess water. This will help prevent possible haze.

*Repeat compacting and filling (steps 1– 3) if necessary.

**Repeat shower two time over the section.



Limited Warranty:

Smart Polymer Sand Tech. Co. warrants to each Purchaser of its Products that the Products will conform to the physical and mechanical properties provided in the Letter of Certification or Specification Sheet issued by Smart Polymer Sand Tech. Co. for or applicable to the Products at the time of sale. Smart polymer sand does not provide engineering or other professional advisory services regarding the use or installation of the Products. It is the responsibility of the purchaser to obtain such services from licensed professionals. THIS WARRANTY IS THE ONLY WARRANTY APPLICABLE TO THE PRODUCTS AND IS MADE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY DISCLAIMED. The sole remedy of the Purchaser, and the sole obligation of Smart Polymer Sand Tech. Co., for breach of the foregoing warranty shall be to replace nonconforming Products or, at the option of Smart Polymer Sand Tech. Co., to refund the purchase price. In no event shall Smart Polymer Sand Tech. Co. be liable for any other or future damages, whether special, incidental or consequential, including, without limitation, delay, personal injury, property damage, work stoppage, loss of profits, loss of use of equipment, loss of or damage to work ("Work") into which the Product is incorporated, or labor or other expenses associated with removing the Product from or replacing the Product in the Work.

