

*Angelus*  
Since 1946

**POLYMERIC  
SAND**



# LOGIC SAND® MAX.

THE LOGICAL SAND SOLUTION

**UPDATE:**

March 1, 2022

Make sure you have an updated data sheet on hand.

Visit our website: [www.ezmixinc.com](http://www.ezmixinc.com) or dial 1- 818-768-0568

**DESCRIPTION:**

**Logic Sand Max®** Polymeric Sand from Angelus is made with a state of the art manufacturing process. Specifically calibrated sand is mixed with polymeric binders that flows smoothly down joints for a fast and effective installation of pavers or slabs with false or wide joints. Logic Sand Max® is recommended for a variety of uses including pool decks, patios, footpath, driveways, parking spaces, steep slopes etc. Applied dry, it hardens after being activated with water. Once Logic Sand Max® 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:**

- Can be used for joints up to a maximum of 4 inches.
- 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.



# TECHNICAL DATA SHEET

**COVERAGE:** 50 lb bag: Narrow joints (1/16" to 1/4 ") typical coverage is 60 to 200 sq. ft. per bag. Wide joints typical coverage is 25 to 40 sq. ft. per bag. Required quantity will depend on the shape and size of the pavers or slabs, and on the width and depth of joints.

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

- If storing product 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 immediately bring the material into a protected and covered area.

**PREPARATION INFORMATION:**

- Before proceeding with the installation always refer to the latest Logic Sand Max Technical Data Sheet (TDS).
- Logic Sand Max should not be diluted with any other material prior or during installation.
- Check weather forecasts. Although Logic Sand Max can resist an unforeseen rain in 60 minutes after is installation, it is recommended to plan for at least 24 hours without rain in order to obtain optimal performance.
- Pavers must be installed on a drainage base compose of an upper layer of a maximum 1 inch thickness of bedding sand and lower layer of crushed stone as per ICPI recommendation.
- Do not apply product to wet or damp surfaces. The activation of the binder will make Logic Sand Max stick to the surface and prevent it from flowing into the joints.
- Logic Sand Max mut be installed from the top of the upper layer of the drainage base to a height of 1/8" from the top of the paver or stone substrate.
- All paver surface must be a slope of 1/8" per linear foot away from structure to ensure optimal performance.
- Avoid excessive wetting or flooding of paved area during installation.
- Temperature must be above 32° F during and for 48 hours following installation.
- Always do a product test before you begin. Test on a 4 sq. ft of inconspicuous area. On large projects, test the product on approximately 50 sq. ft. 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



INSTALLATION INSTRUCTIONS:

REPEAT X2\*



1

Disperse product evenly over a small area.



2

Sweep with a push broom in all directions so joints are filled.



3

Run plate compactor over surface to compact the sand.



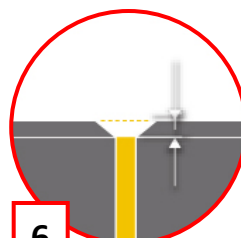
4

Remove excess sand from surface with a fine-bristle broom.



5

Remove all sand residue with the leaf blower.



6

Sand must be at least 1/8" lower than the top of the surface.

REPEAT X2\*\*



7

Set spray nozzle to shower and wet a 200 sq. ft. area for 30 sec. and repeat once more.



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.



**WARNING:** This product can expose you to chemicals including Chromium (hexavalent compounds), which are known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**CAUTION:** READ and UNDERSTAND the Safety Data Sheet (SDS) before using this product. Contains a dry polymer that will cause eye irritation and possible eye injury. If any mixture gets into eyes, rinse immediately with clean water. If irritation persists, seek prompt medical attention. 24-HOUR CHEMICAL EMERGENCY 800-424-9300.

## **E-Z MIX, INC. ("E-Z MIX")**

### **LIMITED WARRANTY**

E-Z MIX 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 E-Z MIX for or applicable to the Products at the time of sale. E-Z MIX 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 Purchaser, and the sole obligation of E-Z MIX, for breach of the foregoing warranty shall be to replace nonconforming Products or, at the option of E-Z MIX, to refund the purchase price. In no event shall E-Z MIX 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.



# LOGIC SAND® MAX

Blended Colors (swatches shown in Courtyard Stone, Estate Cobble, Pavilion, and Slaton)



**DARK GRAY-PEWTER-CHARCOAL  
WITH GRAY SAND**



**TUSCAN  
WITH GRAY SAND**



**GRAY-MOSS-CHARCOAL  
WITH GRAY SAND**



**GRAY-COPPER-CHARCOAL  
WITH GRAY SAND**



**GRAY-CHARCOAL  
WITH GRAY SAND**



**CREAM-TERRACOTTA-BROWN  
WITH TAN SAND**



**TUSCAN  
WITH TAN SAND**



**CREAM-BROWN-CHARCOAL  
WITH TAN SAND**



**ADOBE-COPPER-MOCHA  
WITH TAN SAND**



**SAND-STONE-MOCHA  
WITH TAN SAND**



**AVAILABLE WITH  
RECYCLED CONTENT**