

## DESCRIPTION

IKAN POLYMERIC JOINT SAND is a dry mixture of calibrated silica sand (ASTM C-144), latest generation of polymer binders and dedicated controlling agents technically designed to bind together in horizontal pavement joints. Its high polymer content and its unique composition will generate optimum results.

## APPLICATION AREAS

Ikan Polymeric Joint Sand is a high-tech product, specially formulated for the filling of narrow or wide joints when installing concrete pavers, slabs or natural stones, or when replacing existing joints. A granular material placed between the joints or seams in brick pavers or stone in patios, walkways and driveways to improve interlock and therefore the durability and stability of a paved surface. Unlike conventional sand, it stays in place and remains stable.

## FEATURES & BENEFITS

- Optimal strength
- Durable and Flexible to withstand movement of pavers without joint deterioration.
- Inhibits weed growth and insect infestation
- Reduces joint erosion
- Retains original paver aesthetic
- Stabilizes pavers – strengthens interlocking
- Proprietary dust control technology
- Complete or substantial elimination of substrate haze
- No polymeric haze to worry about on the jobsite
- Elimination of dust migration to existing structures and landscaping

## SPECIFICATIONS

Joint type	Traditional, false and irregular
Joint width	from 1/8" to up to 1/2" wide
Bag size	25 Kg
Colors available	Beige and Grey

## METHOD OF APPLICATION

Always do a product test before you begin

1. Temperature must be above 32 F during and for 48 hours following installation.
2. Due to the moisture content of clay pavers and possible premature activation of the polymeric sand, pavers must be completely dry prior to installation of polymeric sand.
3. Polymeric sand should not be diluted with any other material prior to or during installation.
4. Spread Ikan polymeric joint sand uniformly over the surface. Using a push broom, sweep the product to fill the joints completely, down to their full depth. Avoid sweeping the product over long distances, so that its integrity is preserved. Pass a vibratory plate over substrate field.
5. Polymeric sand coverage: To calculate the approximate consumption of regular geometric floor tile or paver, use the following formula: Approximate Coverage=  $(L+W/L \times W) \times T \times D \times 1.6 = \text{Kg/m}^2$  [where L= length of tile or paver (mm); W = width of tile or paver (mm); T = Height of the joint to fill(mm); D = Width of the joint to fill(mm)]
6. Run a plate vibrator over the entire surface to fully firm up the joints.
7. Install polymeric sand into all spaces and joints desired. Joints must be filled up to the bottom of the pavers chamfer, or at least up to 3 mm (1/8") below the top of the pavers. Before wetting, remove any excess of Ikan polymeric sand from the surface of substrate with a leaf blower.
8. Mist pavers lightly until water sets on top of sand for approximately 30 seconds without displacing the sand. Repeat misting until moisture reaches the bottom of polymeric sand. Let the sand dry for 72 hours minimum allowing no moisture to come in contact.

## TOOLS NEEDED

- PUSH BROOM
- FINE-BRISTLE BROOM
- PLATE COMPACTOR
- LEAF BLOWERS
- HOP VAC (OPTIONAL)
- HOSE W/ SPRAY NOZZLE

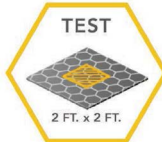
## ➔ PREPARATION



**WATCH THE TEMPERATURE**  
It must be above 32°F for 48 hours after installation.

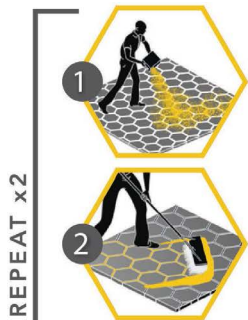


**CHECK YOUR SURFACE**  
Ensure the surface and joints are completely dry.



**TEST ON A 4-sq. ft. INCONSPICUOUS AREA**  
Always do a product test before you begin.

## STEP BY STEP INSTRUCTIONS



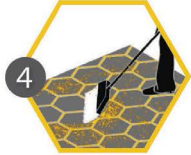
**1 DISPERSE PRODUCT**  
evenly over a small area.



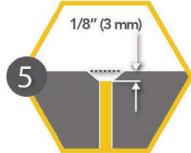
**2 SWEEP WITH A PUSH BROOM**  
in all directions so joints are filled.



**3 RUN PLATE COMPACTOR**  
over surface in several directions to compact the sand inside the joints.



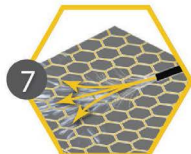
**4 REMOVE EXCESS SAND**  
from surface with a fine-bristle broom followed by a leaf blower or shop vac.



**5 CHECK SAND DEPTH**  
Sand must be at least 1/8" (3 mm) lower than the top of the surface.



**6 SET SPRAY NOZZLE TO SHOWER**  
and wet a 200-sq. ft. area for 30 sec. Wait another 30 sec. and repeat once more.



**7 USE A LEAF BLOWER**  
Remove any excess water to ensure that all polymer is removed from the surface.



## STORAGE & HANDLING INSTRUCTIONS

Ikan Polymeric Joint Sand can be stored in a tightly closed bag/container, off the floor and in a dry place.



## LIMITATIONS TO THE PRODUCT

- This product is not intended for and is strictly prohibited for use as a sand blasting media.
- Not recommended for use in paver, patio stone or natural stone joints wider than 1/2".
- This product is not permeable and is not to be used as infill on permeable pavements
- Do not apply Ikan Polymeric Joint Sand if rain is forecasted in the next 24 hours
- Do not use this product as capping sand
- This product is not a mortar
- Do not apply Ikan Polymeric Joint Sand to a wet or damp pavement surface



## HEALTH & SAFETY PRECAUTIONS

- In case of skin contact, wash thoroughly with soap and water
- For eye contact, flush immediately with a high volume of water for at least 15 minutes and contact a medical professional.
- For respiratory problems remove person to fresh air.



## DISCLAIMER

To the best of our knowledge and belief, this information is true and accurate, but as conditions of use and any labor involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application and no responsibility can be accepted or any warranty given by our representatives, agents or distributors. Products are sold subject to our standard conditions of sale and the end user should ensure that he has consulted our latest literature.