



POLYBIND STONE DUST
FOR NATURAL STONE JOINTS UP 1/2" TO 6"
TDS Revision Date (dd/mm/yyyy): 04/04/2016

TECHNICAL DATA SHEET

- Update:** April 04, 2016
Make sure you have an updated data sheet on hand.
Canada and U.S. dial **1-855-847-7767** or (450) 624-1611
- Description:** **POLYBIND DUST** is a unique mixture of polymer binders and calibrated stone available in Tan & Grey. Once **POLYBIND DUST** sets, it becomes very firm and locks between the stone joints while still retaining flexibility and providing a long lasting, durable jointing material. **POLYBIND DUST** is recommended for a variety of uses including pool decks, patios, footpaths, and any other pedestrian applications.
- Features:**
- Product works at above 59°F (15°C)
 - Compatible with all types of wetcast and natural stones
 - **POLYBIND DUST** is ideal for joints that are a minimum of 1/2" (1.25 cm) to a maximum of 6" (15 cm) wide
 - Does not haze stones
 - For pedestrian use only
- Coverage:** The quantity required depends on the shape and size of the stones as well as the width of the joints. One bag of 50 lbs (22.7 kg) of this product will cover between 20 to 30 square feet (1.86 to 2.79 square meter) if the joints are about 1" to 2" (2.54 to 5.08 cm) wide and the stones are about 2" to 2-1/2" (5.08 cm to 6.35 cm) thick.

FOR USE ON AND REQUIRED SUB-SURFACE PREPARATION

POLYBIND DUST is recommended for a variety of uses, including patios, walkways and pool decks. The stones must be installed on a drainage base system: maximum of 1" (2.5 cm) of bedding sand, plus a minimum of 6" (15 cm) of crushed stone compacted at 98% Proctor density. (See diagram below.)

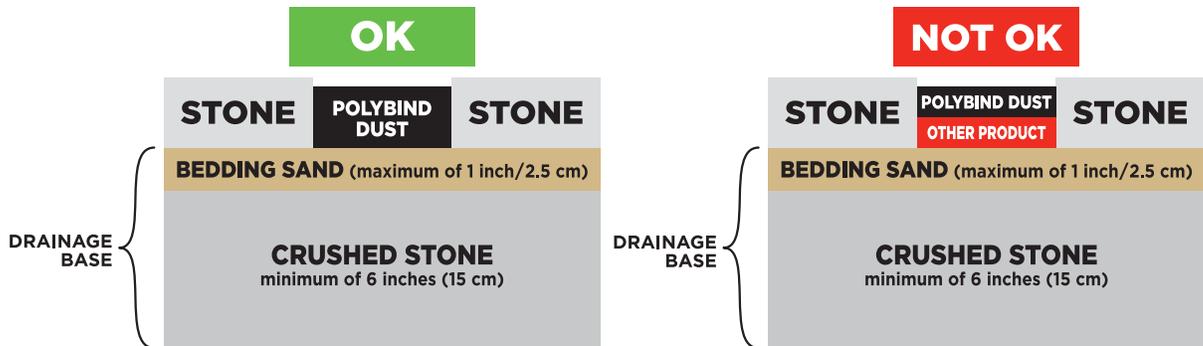


Diagram 1
JOINT FILLED PROPERLY
(JOINT IS COMPLETELY FILLED WITH POLYBIND DUST)

JOINT NOT FILLED PROPERLY
(JOINT DILUTED WITH OTHER PRODUCT)

DO NOT USE WHEN STONES ARE INSTALLED OVER A CONCRETE SLAB. DO NOT USE FOR VEHICULAR TRAFFIC.



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PREPARATION INFORMATION (IMPORTANT NOTES)

- A **POLYBIND DUST** must be installed above 59°F (15°C).
- B **POLYBIND DUST** can only be installed if rain is not forecasted in the next 24 hours.
- C Wetcast & natural stone sides and top surfaces must be completely dry. Do not apply if the tile surface is damp or wet. The damp or wet surface will cause **POLYBIND DUST** to prematurely activate and will lead to the polymers sticking on the tile surface.
- D Do not apply if the tile stone joints are damp or wet. This will prevent the **POLYBIND DUST** from properly sliding into the joints and obtaining very densely packed joints, which is critical to the products performance.
- E Minimize or avoid walking on the stones for 24 hours after the installation of **POLYBIND DUST**.
- F If **POLYBIND DUST** is left lying on the stone surface for a long duration, moisture can form and will activate the **POLYBIND DUST** on the stone surface, staining may occur.
- G Do not use **POLYBIND DUST** when the stones are installed over a concrete base. **POLYBIND DUST** is designed to function on a drainage base system (see diagram 1 above). A concrete base inhibits drainage, thus the trapped water will negatively impact the product's performance.
- H Individual bags must be kept in dry storage.

POLYBIND DUST INSTALLATION STEPS FOR A NEW STONE SURFACE OF WETCAST AND NATURAL STONES

1. Install the stones on a maximum 1" bed of sand. Make sure that there is at least 6" of compacted crushed stone under the bedding sand. See diagram 1 above.
2. Make sure the stone's top surface is dry.
FOR NATURAL STONES: Using a hard-bristle broom, sweep **POLYBIND DUST** in between the full depth of the natural stone joints.
FOR WETCAST STONES: Using a scoop, carefully pour **POLYBIND DUST** in between the full depth of the joints and avoid getting any **POLYBIND DUST** on the wetcast stone surface.
3. Hit the stones with a rubber mallet; this will make the **POLYBIND DUST** settle firmly into the joints by removing any air pockets. Repeat step 2 and this step 3 at least two more times.
4. Using a soft, fine-bristle broom, sweep all excess **POLYBIND DUST** off stone surfaces. Ensure that **POLYBIND DUST** lies at least 1/8 inch below the top of the stones.
5. Using a leaf blower, blow all **POLYBIND DUST** residues off stone surfaces.

WATER ACTIVATION (IMPORTANT NOTES)

- A Work in manageable sections, ideally about 100 sq. ft. at a time, depending on temperature.
- B Do not allow **POLYBIND DUST** to wash out of joint.
- C Never allow paved surface to dry out during the water activation phase.
- D Watering must be started at the lowest point of the paved surface.
- E Use a watering gun connected to a hose. Setting should be set to shower.

POLYBIND DUST WATER ACTIVATION STEPS

6. Shower water on a specific water area of 100 sq.ft., wait no longer than 2 to 3 minutes. Proceed to STEP 7.
7. Shower and rinse simultaneously on a section of approximately 100 sq.ft. so as to eliminate any **POLYBIND DUST** residue left on the stones. Any **POLYBIND DUST** residue should go directly into the stones joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 8.



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POLYBIND DUST WATER ACTIVATION STEPS (CONT.)

8. Shower and rinse simultaneously, so as to eliminate any **POLYBIND DUST** residue. Any residue should go directly into the stones joints. However, stop showering when you see water retention on the stones joints. Wait no longer than 2 to 3 minutes. Proceed to STEP 9. Note: Repeat the directions of STEPS 6 to 8 for all other areas that have not been showered with water.
9. Use a leaf blower to remove any excess water remaining on the stones pores and crevices. This blowing action is necessary to help remove any remaining **POLYBIND DUST** residue left on stones surfaces from the previous steps.

IMPORTANT:

The water used in step 6 will activate a bonding action as well as condensing **POLYBIND DUST** in the joints. Too much water will undo the dense compaction obtained during step 3 and reduce the final performance of **POLYBIND DUST**.

PLEASE NOTE:

POLYBIND DUST becomes very firm but will detach from stone if the crushed stone base has excessive movement. It will also detach from the stone if the stones are oscillating back and forth due to improper installation. By following **POLYBIND DUST** installation instructions carefully, you will obtain a very hard jointing material. It should be noted that **POLYBIND DUST** will continue to harden over time. Avoid excessive watering or flooding of stone areas. When installing stones around an underground pool, a slope of 1/8 inch (3 mm) per linear foot (30 cm) away from the pool is mandatory. All stone surfaces must have a drainage slope for the **POLYBIND DUST** to work at its optimum. For the pool coping blocks, it is mandatory to use mortar in the joints. For the rest of the stone installation around the pool, you can use **POLYBIND DUST**. Do not sweep **POLYBIND DUST** over asphalt.

**15 YEAR
LIMITED WARRANTY**



SEE THE INSTALLATION VIDEO
ON POLYBIND.COM

LIMITED WARRANTY:

15-YEAR LIMITED WARRANTY (RESIDENTIAL)

Please note that this limited warranty applies only when the product is used for residential purposes exclusively. (Home owners or contractors using the product for single or multi-unit dwellings that are exclusively for residential use.) The manufacturer cannot guarantee results, as it has no control over surface and sub-surface preparation and product application. (Proper installation of natural or wetcast stones to ensure long-term stability of work, including granular foundation of certified crushed stone of 0-3/4" (0-20 mm) bedding layer and appropriate installation of borders in accordance with above specified method for applying product.) Also warranted when used with Gator Base. However, for a period of 15 years from purchase, the manufacturer agrees that, if the product is proven to be defective, and on the condition that it was installed pursuant to the method of application of surface and sub-surface preparation described above, then the manufacturer agrees to refund the purchase price. Proof of purchase is required for any claim.

EXCLUSION OF RESPONSIBILITY

THE PARTIES AGREE THAT REFUND OF THE PURCHASE PRICE AS STATED IS THE ONLY OBLIGATION OF THE MANUFACTURER. IN ALL EVENTS, THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES OR COSTS (INCLUDING REMOVAL OR REINSTALLATION OF SAND OR Stones) WHATSOEVER, DIRECT OR CONSEQUENTIAL. TO THE EXTENT PERMITTED BY LAW, THE MANUFACTURER EXCLUDES ANY IMPLIED WARRANTY OF QUALITY, MERCHANTABILITY OR FITNESS FOR PURPOSE.

Alliance Designer Products inc. excludes any responsibility whatsoever for the presence of moss, mold, mildew, or similar factors that may occur on the product after its installation. The presence of moss, mold or mildew is caused by the particular on-site conditions, including excess moisture shade, absence of ventilation, inadequate cleaning or maintenance, presence of soil or other organic debris left on the product after installation.



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