

(Note to specifier: This Joint Sand Stabilizer section is intended to incorporate the specific elements that make up a good quality product and calls out some installation methods that help produce a good quality installation. The format should be modified to fit within the larger set of specification used on you project.)

JOINT SAND STABILIZER

SECTION XXXX

1 MATERIALS

- A. The material shall be an epoxy-modified joint sand stabilizer and concrete sealer, capable of penetrating and sealing the surface of the paver without causing a glossy or shiny effect. The material, as delivered, will be liquid at typical ambient temperatures. It shall have a VOC of less than 100 grams per liter. Solvent base materials shall not be accepted. Materials requiring mixing with the joint sand prior to installation shall not be allowed. The product shall be manufactured as a joint sand stabilizer and labeled as such.

2 EXECUTION

- A. Preparation
 - 1 Prior to the installation of the stabilizer all other pavement related work shall be completed, including but not limited to installation of bedding sand, edge restraints, pavers, and joint sand, to final alignment and elevation. The surface shall be clean and free from any staining, oil, dust, loose material or any other substance interfering with the penetration of the liquid material into the joint sand or the surface of the pavers. The surface of the paver and the joint sand, to the full depth of the joint, shall be dry.
 - 2 Work shall not commence if rain or other precipitation is predicted in the area for the period of the installation and 24 hours thereafter.

B. Installation

1. The joint sand stabilizer shall be applied evenly using a low-pressure system with a nozzle pressure not exceeding 25 psi. Manual or electro-mechanical systems are acceptable.
2. The manufacture's recommended coverage rate shall be followed.
3. When in conflict with any other portion of these specifications, the manufactures recommended installation methods shall be followed, except that in all cases the material shall be worked into the sand joints and the surface of the pavers using appropriate squeegees. Joints shall be adequately flooded and that no surplus material shall be left on the surface of the pavers or on the tops of the joints.

4. PROTECTION OF THE WORK

- A. Work shall cease if inclement weather (rain or strong wind) will affect the stabilizing operation and shall not recommence until the joint sand and the surface of the pavers have dried.
- B. The treated area shall be protected from rain, sprinklers, or any other form of moisture, and traffic for 24 hours after completing the application of the stabilizer.

END OF SECTION