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STALOK® PAVER SAND FOR PAVER JOINTS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes material and labor requirements for joint construction with Stalok® Paver Sand for the following items:
 - 1. Interlocking paver pathways, driveways, and patios.
- B. Related Sections
 - 1. Section 02100 – Site preparation
 - 2. Section 02200 – Earthwork
 - 3. Section 02230 – Granular Materials

1.2 PROJECT/SITE CONDITIONS

- A. Field Measurements: Each bidder is required to visit the site to verify existing conditions. No adjustments will be made to the Contract Sum for variations in the existing conditions.
 - 1. Where surfacing is indicated to fit with other construction, verify dimensions of construction with field measurements before proceeding with paver installation.
- B. Environmental Limitations: Do not install Stalok® Paver Sand during rainy conditions or in temperatures below 40 degrees Fahrenheit.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Installer to provide assurance that all manufacturer's installation literature has been read and understood.
- B. Mock-ups: Install 2 ft. (wide) x 2ft. (long) mock-up of interlocking paver surface with Stalok® Paver Sand at location as directed by owner's representative.

1.4 WARRANTY

- A. General Warranty: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- B. Special Warranty: Submit a written warranty executed by the installer agreeing to repair or replace components of Stalok® Paver Sand that fail in materials or workmanship within the specified warranty period. Failures include, but are not limited to, the following:

1. Premature wear and tear, provided the material is maintained in accordance with manufacturer's written maintenance instructions.
- C. Warranty Period: Contractor shall provide warranty for performance of product. Contractor shall warranty installation of product for the time of 6 months from completion.
- D. Contractor shall provide, for a period of thirty days, unconditional maintenance and repairs as required.

PART 2 – PRODUCTS

2.1 MANUFACTURERS

- A. Stalok® Paver Sand for interlocking paver surface is provided by the following manufacturer:
 1. Stabilizer Solutions, Inc. 33 S. 28th St., Phoenix, AZ 85034; phone (602) 225-5900, (800) 336-2468; fax (602) 225-5902; website www.stabilizersolutions.com; email info@stabilizersolutions.com
 2. Officially licensed blender of Stalok® Paver Sand by Stabilizer Solutions, Inc.

2.2 MATERIALS

- A. Interlocking paver surface made from, but not limited to the following:
 1. Clay brick
 2. Concrete
 3. Tumbled stone
- B. Stalok® Paver Sand
 1. Non-toxic, porous, polymeric joint sand that is comprised of a dry, washed, quartz sand and binder.

PART 3 – EXECUTION

3.1 SITE PREPARATION

- A. Prepare a properly draining base per paver manufacturer's specification
- B. Install interlocking paver surface per paver manufacturer's specification. Joint width shall not exceed a maximum of ½ of an inch.
- C. Paver surface shall be completely dry and free of debris prior to placement.

3.2 PLACEMENT

- A. Spread Stalok® Paver Sand on paver surface and sweep into joint.
- B. Compact Stalok® Paver Sand with vibratory plate compactor.
- C. Repeat previous steps until the entire joint is full.
- D. Remove excess sand from the surface with broom or mechanical blower.

3.3 WATERING

- A. Moisten only the top layer of Stalok® Paver Sand with a fine mist of water.
- B. Thoroughly soak the Stalok® Paver Sand without generating run-off of material
- C. Check moisture penetration with a screwdriver or knife.

- D. If entire joint is not moist, add more water until full moisture penetration is achieved.
- E. Allow the Stalok® Paver Sand to dry for up to 24 hours or until firm.

3.4 INSPECTION

- A. Finished joint surface shall be smooth, uniform, and solid. There shall be no evidence of chipping or cracking. Cured and compacted joint shall be firm throughout profile with no spongy areas. Loose material shall not be present on the surface. Any significant irregularities in joint surface shall be repaired to the uniformity of entire installation.

3.5 MAINTENANCE

- A. Remove debris such as paper, grass clippings, leaves, or other organic material by sweeping, mechanical blowing or power washing.
 - 1. When power washing use a fan spray nozzle and avoid direct spray on Stalok® Paver Sand for long periods.
 - 2. Do not power wash Stalok® Paver Sand when the sand is wet.

3.6 REPAIRS

- A. If cracking or loose material develops, remove loose material, add Stalok® Paver Sand and water to depth of joint.