



SECTION 1

STABILIZER® “PRO RED” INFIELD MIX FOR BASEBALL OR SOFTBALL FIELD

PART 1 - GENERAL

1.1 SUMMARY

- A. The work of this Section consists of all surfacing work and related items as indicated on the drawings and or as specified herein and includes, but is not limited to, the following items:
 - 1. Stabilizer® “Pro Red” Infield Mix for baseball or softball field surfacing
- B. Related Sections:
 - 1. Section 02100 – Site Preparation
 - 2. Section 02200 – Earthwork
 - 3. Section 02230 – Granular Materials
- C. General Provisions
 - 1. All of the contract documents, including General and Supplementary Conditions and Division I General Requirements, apply to the work of this Section.
 - 2. Examine all drawings and all other Sections of the Specifications for requirements therein affecting the work of this trade.
 - 3. Coordinate work with that of all those affected by work of this Section. Cooperate with such trades to assure the steady progress of all work under the Contract.

1.2 PERFORMANCE REQUIREMENTS

- A. The following standards and definitions are applicable to the work of this Section to the extent referenced herein:
 - 1. ASTM: American Society for Testing and Materials.

1.3 PROJECT/SITE CONDITIONS

- A. Environmental Conditions: Proper drainage is required.
- B. Field Measurements: Each bidder is required to visit the site of the work to verify the 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 other construction by field measurements before proceeding with the work.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Installer to provide evidence to indicate successful experience in installation of Stabilizer® “Pro Red” Infield Mix or approval by manufacturer.

1.5 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 Stabilizer® “Pro Red” Infield Mix 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.
 - 2. Failure of system to meet performance requirements.
- C. Warranty Period: Contractor shall provide warranty that product was installed per specifications upon completion of install.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Stabilizer® “Pro Red” Infield Mix is provided by the following manufacturer:
 - 1. Stabilizer Solutions, Inc. 33 South 28th St., Phoenix, AZ 85034; phone (602) 225-5900, (800) 336-2468; fax (602) 225-5902; website www.stabilizersolutions.com; email info@stabilizersolutions.com.

2.2 MATERIALS

- B. Aggregate Specifications
 - 1. Crushed stone shall consist of inert materials that are hard, durable, with stone free from surface coatings and deleterious materials.
 - 2. Dense graded crushed stone base shall be furnished and installed as required and specified under Section 02200, Earthwork and Section 02230 Granular Materials to a 2-3” compacted depth at 95% compaction.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Proper base preparation is essential in the performance of the Stabilizer® “Pro Red” Infield Mix. Base material should be leveled or laser graded to same grade as Stabilizer® “Pro Red” Infield Mix. Base material has to be level to ensure Stabilizer® “Pro Red” Infield Mix is at a uniform depth of 3” to 6” across entire field.
- B. Pre-soak base material with water prior to installing Stabilizer® “Pro Red” Infield Mix and allow base to dry. Once dry, compact base to 95% compaction.

3.2 BLENDING

- A. Stabilizer® “Pro Red” Infield Mix is a solely owned process.
- B. Blending procedures are performed only by a licensed Stabilizer® “Pro Red” Infield Mix blender and can only be sold through licensed Stabilizer® “Pro Red” Infield Mix Dealers.

3.3 PLACEMENT/COMPACTION

- A. Place Stabilizer® “Pro Red” Infield Mix at a 3” to 6” compacted depth. Allow for an approximate 1 inch cushion for compaction
 - 1. Estimated Coverage:
 - a. 1” Depth = 180 sqft. Per ton
 - b. 2” Depth = 90 sqft. Per ton
 - c. 3” Depth = 60 sqft. Per ton
 - d. 4” Depth = 45 sqft. Per ton
 - e. 6” Depth = 30 sqft. Per ton
- B. Grade Stabilizer® “Pro Red” Infield Mix with box blade, laser grader or equal.
- C. Thoroughly soak Stabilizer® “Pro Red” Infield Mix. It is recommended to over water rather than under water.
- D. Compact Stabilizer® “Pro Red” Infield Mix once moisture begins to dry.
 - 1. Compaction can be achieved by a 1-ton double-drum roller
 - 2. Compact material making 1 to 2 passes.
 - 3. Use plate compactor, water roller, or hand tamp on edges and hard to reach areas.
- E. Check for low areas and add additional Stabilizer® “Pro Red” Infield Mix to level.

3.4 INSPECTION

- A. Finished surface shall be uniform, solid under foot, with desired amount of loose surface material. Compacted Stabilizer® “Pro Red” Infield Mix shall be firm to full depth with no soft areas.

3.5 YEARLY MAINTENANCE

- A. Add new Stabilizer® “Pro Red” Infield Mix as needed.
- B. Rip and till the field 1-2 times a year to bring fresh material to surface. Avoid tilling base material or any outside soil in with Stabilizer® “Pro Red” Infield Mix.
 - 1. If more compaction is desired after mechanical compaction, Please contact Stabilizer Solutions Inc. for more information.
- C. Level and compact field as needed with box blade or laser grader.

3.6 WEEKLY MAINTENANCE

- A. Do not contaminate Stabilizer® “Pro Red” Infield Mix with any outside soils as this will compromise its performance.
- B. Nail drag at least 1 time per week to a 1/8”- 1/4” depth.
- C. Mat drag surface to level and improve appearance. It is recommended to mat drag immediately after game is complete to fill in any low areas.
- D. It is recommended to water Stabilizer® “Pro Red” Infield Mix daily during playing season. If this is not possible water 30 minutes prior to game.
- E. Remove debris, such as paper, grass clippings, leaves or other organic material by mechanically blowing or hand raking the surface as needed.
- F. Inspect grass infield lip and remove excess material by power washing.

3.7 REPAIRS

- A. Excavate damaged area to the depth of the Stabilizer® “Pro Red” Infield Mix and square-off sidewalls.
- B. Apply Stabilizer® “Pro Red” Infield Mix to excavated area to finish grade.
- C. Compact with an 8” to 10” hand tamp or 1000 lb. Roller.

END OF SECTION 1