



SECTION [32 18 23.13] [02790] INFIELD SURFACING

Note: These specifications were current at the time of publication but are subject to change without notice. Please confirm the accuracy of these specifications with the manufacturer and / or distributor prior to installation.

SPECIFIER NOTE: This product guide specification is written according to the Construction Specifications Institute (CSI) Format, including MasterFormat, SectionFormat, and PageFormat, as contained in the CSI Manual of Practice. Section numbers are based on MasterFormat 2004 except that numbers shown in blue are based on MasterFormat 1995.

The section must be carefully reviewed and edited by the Architect to comply with project requirements. Coordinate this section with other specification sections and the drawings.

Delete all italicized "Specifier Notes" when editing this section. FOR MORE INFORMATION: Contact Gail Materials at www.GailMaterials.net or call 951-667-6106.

PART 1: GENERAL

1.1 Section Includes

- A. Section Includes: Supply and installation of a complete infield skin surface, including pitcher's mound, batter's box, and warning track mixes including:
 - 1. PROGold Premium Infield Mix
 - 2. PROGold Premium Mound and Homeplate Mix
 - 3. PROGold Premium Warning Track Mix

1.2 Related Sections

SPECIFIER NOTE: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 31 00 00 [02300] – Earthwork
- B. Section 32 92 00 [02790] – Turf and Grasses
- C. Section 32 31 13 [02830] – Chain Link Fence

1.3 References

- A. ASTM F-1632: Standard Test Method for Particle Size Analysis
- B. ASTM D- 422: Standard Test Method for Fine Particle Size Analysis

1.4 Submittals

- A. Submit in accordance with Section 01 33 00 [01330] - Submittal Procedures:
 - 1. Manufacturer's product data sheet and installation instructions for each product to be used.
 - 2. [5 pound] [_____] sample for each product to be used along with a private lab test indicating the particle size analysis of the material. All tests shall be performed in accordance with ASTM F-1632.
 - 3. Manufacturer's maintenance and cleaning instructions for each product to be used.

1.5 Project / Site Conditions

- A. All Earthwork shall be performed in accordance with the preceding sections.
- B. Sub base material shall be uniformly graded and compacted, and shall mirror finish grade contours to ensure an even depth of material.

SPECIFIER NOTE: *Delete the following if survey is not required.*

- C. Survey subgrade elevations prior to placement of material.
- D. Construct skin surfaces with a finish grade that provides adequate surface drainage, ideally 0.5 to 1.5% slope away from the center of the infield.

PART 2: PRODUCTS

SPECIFIER NOTE: **2.1 Materials**

- A. PROGold Premium Infield Mi, PROGold Premium Mound and Homeplate Mix and ProGOLD Premium Warning Track Mix engineered soil products produced by Gail Materials, Corona, CA; phone 951-667-6106; fax 951-667-6102; www.gailmaterials.net.

SPECIFIER NOTE: *Delete one of the two following paragraphs; coordinate with Division 01 requirements.*

- 1. Requests for substitutions will be considered in accordance with provisions of section 01 25 00 [01630] Substitution Procedures.
 - 1. Substitutions: Not permitted.

- B. PROGold Premium Infield Mix:
 - 1. Gradation: A minimum of 98% of particles shall pass the 2.00 mm sieve with the highest portion of sand particles in the medium to very fine range. Silt and Clay distribution shall be relatively equal with the ratio of silt to clay .5 – 1.2. The final soil classification based on USDA criteria shall be a "sandy loam – sandy clay loam".
 - 2. Color: "Gold" to "Reddish Gold".

- C. PROGold Premium Mound and Homeplate Mix
 - 1. Gradation: Minimum clay content of 38% by weight as determined by ASTM D422 methodology.
 - 2. Color: "Grey", "Tan", "Brown", "Red" or "Reddish Brown".

- D. PROGold Premium Warning Track Mix

1. Gradation: 50-75% crushed-screen 3/16 inch minus decomposed granite fines and 25-50% Cinder Sand.

Sieve	Percent Passing
3/16"	95 - 100%
No. 4	90-100%
No. 30	25-60%
No. 200	5-20%

2. Binder: Natracil™ organic binder by Gail Materials, Corona, CA; phone 951-667-6106; fax 951-667-6102; www.gailmaterials.net. Binder shall have a minimum swell volume of 35 ml/gm and shall be blended with a pug mill that includes a weight belt feeder that insures the proper ratio and the uniform blending of the binder. Bucket of Belt blending are not acceptable methods.
3. Color: "Gold" to "Reddish Brown".

PART 3: EXECUTION

3.1 Placement

- A. Infield surfacing shall be installed in strict conformance with the manufacturer's specifications to the lines and grades as shown in the Drawings.

SPECIFIER NOTE: *Delete one of the two following paragraphs depending on project conditions.*

- B. New Fields: Place material to a final minimum depth of 4 inches when finished and compacted. The final grade should be leveled and sloped according to standard infield construction specifications. Allow for +/- 1 inch for compaction.
- B. Existing Fields: Properly till the existing material while incorporating +/- 1 inch of Pro Gold Infield Mix. Continue placement of the remainder of the Pro Gold Infield Mix that is to be installed.

3.2 Watering

- A. After leveling the infield skin thoroughly water the entire infield surface until the complete depth of the infield mix is moistened. After a period of +/- 4 hours compact with a minimum 2000 lb. static drum roller. If low areas are present, scarify and level low areas with additional infield mix.

3.3 Inspection

- A. The finished surface of the infield shall be smooth and free from any visible dips, humps, bumps for other blemishes which would hinder the removal of water through positive surface drainage. Correct irregularities to the satisfaction of the Landscape Architect.

SPECIFIER NOTE: *Delete the following if survey is not required.*

- B. Conduct finished elevation survey to assure proper installation.

3.4 Topdressing

- A. Following successful inspection, topdressing may be applied, consisting of a calcified clay product added at a rate of one 50-pound bag per 100 square ft.

END OF SECTION