PERFORMANCE SPECIFICATIONS

SECTION 2
PITCHING MOUND AND BATTER'S BOX SURFACES
DURAPITCH® PREMIUM MOUND CLAY

PART 1 – GENERAL

1.1 SUMMARY

A. This section includes the material and labor requirements for construction of a complete pitching mound and batter's box surface for the following material:

1. DuraPitch Premium Mound Clay

B. Related Sections

1. Site Preparation
2. Earthwork

1.2 SUBMITTALS

A. Product Data: For the product specified, submit a 5-pound sample along with a private lab test result indicating the particle size analysis of the material specified. All tests shall be performed in accordance with ASTM F-1632.

B. Approved Testing Lab: Turf & Soil Diagnostics
35 King Street
Trumansburg, NY 14886
(607) 387-5694

1.3 PROJECT/SITE CONDITIONS

A. All site work and earthwork shall be performed in accordance with the preceding sections. Furthermore, the compacted subgrade shall be installed in accordance with the final slope and shall mirror finish grade in order to ensure an even depth of material once placement has occurred.

B. In certain instances, and where warranted, a survey of the subgrade elevations shall occur prior to placement of the material.

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1.4 QUALITY ASSURANCE

A. Installer Qualifications: Installers of materials specified shall have, at minimum, five successful installations of similar projects and materials. Installers shall be in possession of and demonstrate knowledge of the use of appropriate tools and equipment for the proper compaction and finishing of a pitcher's mound and batter's box area.

B. Material: If quality control samples are specified, they shall be completed at a rate of one per 250 tons of material delivered to the jobsite. All tests shall be conducted by the lab specified in Section 1.2 (B). All testing will be compared to and be in accordance with the material specifications provided in Section 2.2.

PART 2 – MATERIALS

2.1 MANUFACTURER

A. DuraPitch Premium Mound Clay is produced by the following manufacturer:

1. DuraEdge Products, Inc.
   149 South Broad Street, Grove City, PA 16127
   Phone: (866) 867-0052 Fax: (724) 530-6696
   Email: sales@duraedge.com Website: www.duraedge.com

2.2 MATERIALS

A. DuraPitch Premium Mound Clay is an engineered soil product which is mechanically mixed offsite in a controlled environment using a pugmill-type mixer. This process ensures thorough mixing of the sand and clay components to exact specifications.

B. Product Specification

1. Pitching mound and batter's box clay is clean, dry clay mixed with washed mason-type sand resulting in a weed-free mix that is reddish brown in color having a yield of 1.75 tons per cubic yard and possessing the following particle size analysis:

   a. Total sand content shall be less than 10 percent.

   b. The overall clay content shall be greater than 30 percent.

   c. The ratio of silt divided by clay, otherwise known as the SCR, shall be 0.75 – 1.25.

Material meeting this specification is DuraPitch Premium Mound Clay as manufactured by DuraEdge Products, Inc., Grove City, PA., (866) 867-0052, or an approved equal.

2.3 EXCESS MATERIALS

A. Provide the owners' authorized representative with a 1-ton pallet of material for future use.

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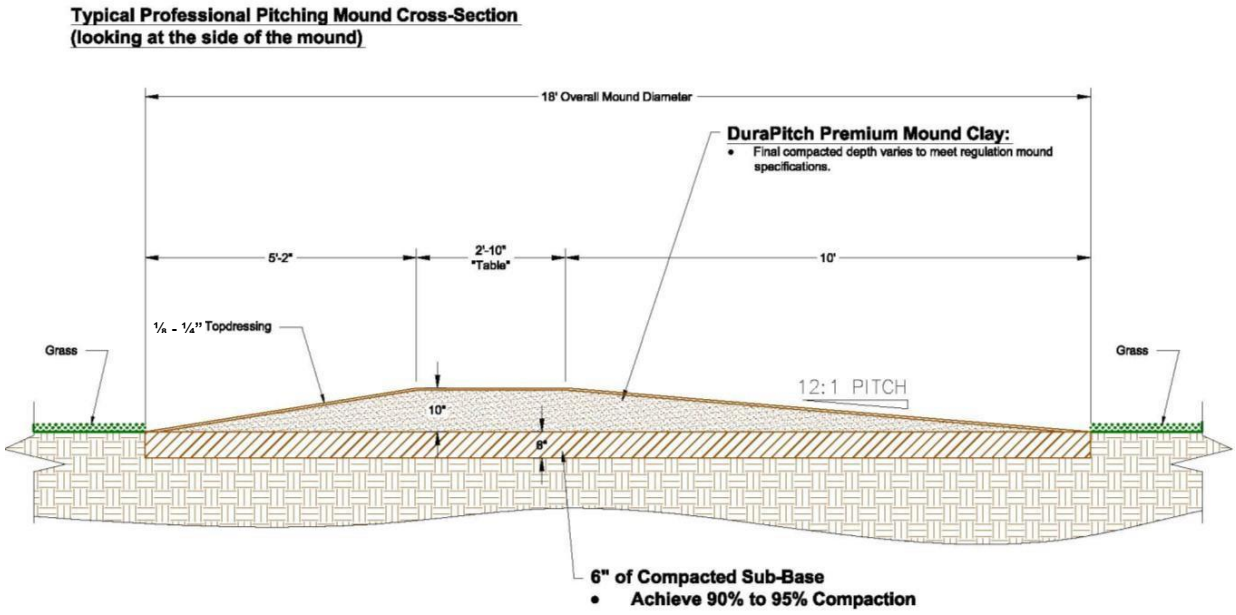
PART 3 – EXECUTION

3.1 PLACEMENT

A. Place the material in lifts of 2 inches and compact with 1-ton vibratory roller until an optimum compaction between 90 percent and 95 percent is achieved. Scarify the surface to facilitate bonding of the next lift and repeat until finish grade elevation is achieved. Completing this process as described will minimize settling and improve the performance of the product. See diagram in 3.1.C.

B. Depth of the material shall vary when finished and compacted. Please see diagram in 3.1.C.

C. Typical cross-section of pitching mound:



3.2 WATERING

A. In most cases, the material is delivered with optimum moisture and adding water is not necessary. If unable to achieve optimum compaction, a light application of water may be needed.

3.3 INSPECTION

A. The finished surface of the infield shall be smooth and free from any visible dips, humps, bumps or other blemishes which would hinder the removal of water through positive surface drainage. In some instances, and where warranted, a finished elevation survey shall be conducted to assure proper installation. A mound slope gauge should be used for pitching slope accuracy.

3.4 TOPDRESSING

A. Following successful inspection, topdressing shall be applied to the surface for optimum product performance. This topdressing is either expanded shale or calcined clay product and shall be added at a rate of 0.5-1 lb per square foot.

- If play will not be taking place for several weeks, wait until the season is going to start to apply topdressing (this is practically important in the Fall or the end of the season when putting the field "to bed" for the winter/season). If play is taking place within a few weeks, add topdressing and groom.

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B. Product is either ProSlide Expanded Shale or FairBall/PlayBall/Platinum Calcined Clay Topdressing. A combination of Expanded Shale and a previous listed Calcined Clay may be used for the topdressing process. All are available through DuraEdge Products, Inc., Grove City, PA, (866) 867-0052.

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