PERFORMANCE SPECIFICATIONS

SECTION 1

PLAY BALL! ®
CALCINED CLAY TOPDRESSING

PART 1 – GENERAL

1.1 SUMMARY

A. This section includes the material and labor requirements for application of topdressing to an infield skin surface for the following items:

1. Play Ball!® Calcined Clay Topdressing

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.
Attn: Sam Ferro
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.

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

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 laser guided finishing equipment.

B. Material: If quality control samples are specified, they shall be completed at a rate of one per 50 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 – PRODUCT

2.1 MANUFACTURERS

A. Play Ball! Calcined Clay Topdressing is produced by the following manufacturer on behalf of DuraEdge Products:

1. EP Minerals
   9785 Gateway Drive, Reno, NV 89521
   800-366-7607
   www.epminerals.com

2.2 MATERIALS

PLAY BALL! CALCINED CLAY TOPDRESSING GRADATION

A. Play Ball! Calcinded Clay Topdressing is engineered to stay in place and provide less particle breakdown. This product is designed to have superior durability resulting in less contamination meaning it stays on the surface longer. Play Ball! is more attainable product for end users at all levels who want to implement a professional grade calcined. This product is intended to be utilized on the surface of your infield skinned areas not tilled in.

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B. Performance Specification

1. Topdressing shall be natural in color with red-ish hue, having a yield of approximately 40 pounds per cubic foot and possessing the following particle size analysis:

Sieve Designation	Particle Size (mm)	Percent Retained
No. 6	>3.36	0.0%
No. 8	2.38 - 3.36	10% - 35%
No. 10	2.00 -2.38	10% - 25%
No. 16	1.19 – 2.00	35% - 55%
No. 20	0.841 - 1.19	5% - 20%
No. 30	0.595 - 0.841	0% - 3%
Pan	<0.595	<1%

Material meeting this specification would be PlayBall Calcined Clay Topdressing as manufactured by DuraEdge Products Inc., Slippery Rock, 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.

PART 3 – EXECUTION

3.1 PLACEMENT

A. Following successful inspection, conditioner shall be applied to the surface, never tilled in, for optimum product performance.

B. Topdressing shall be added at a rate of 0.47 pounds per 1 square foot for 1/8" depth on surface or up to 0.94 pounds per 1 square foot for ¼" depth on surface.

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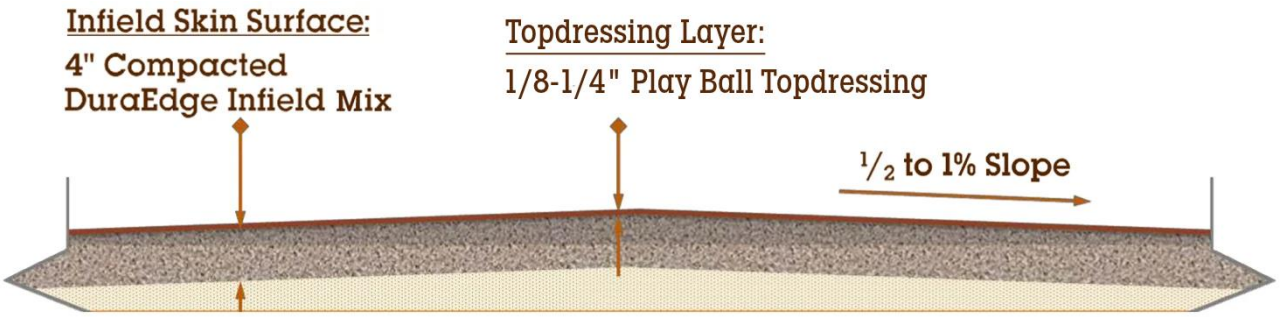

3.2 INSPECTION

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. Where warranted, a finished elevation survey shall be conducted to assure proper installation.

End of Section 1

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