



Quality Materials
Engineered Sands & Soils

Athletic Field Specifications

Ballfield Clay
Pro Red Infield Blend
Warning Track- Red
Warning Track- Orange
Pitchers Mound
Home Plate

Quality Materials
Div. of GEO. SCHOFIELD CO., INC.
P.O. BOX 110, Bound Brook, NJ 08805
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Ballfield Clay Specifications:

<u>Sieve</u>	<u>% Passing</u>	<u>Specifications</u>
1/4"	100%	98-100%
4 Mesh	98.4%	98-100%
10 Mesh	91.6%	98-100%
20 Mesh	79.4%	98-100%
30 Mesh	72.0%	70-90%
40 Mesh	60.4%	70-90%
50 Mesh	45.0%	45-75%
70 Mesh	31.0%	45-75%
100 Mesh	22.2%	15-35%
140 Mesh	19.0%	15-35%
200 Mesh	17.6%	15-35%
270 Mesh	14.6%	10-20%

% Clay Specifications is 14-18%

Color: Orange Shade

Permeability: Not less than 10cm/sec

Clay: Shall consist of clean natural material free of stone, sticks, roots, and debris. Clay should be mechanically blended with Red Diamond Conditioner at the rate of 10% by volume. Material to be supplied by Quality Materials, Bound Brook, NJ 732-356-7263, Fax 732-356-5161, or approved equal.

Pro Red Infield Blend:

<u>Sieve</u>	<u>% Passing</u>
3/8"	100%
#4	100%
#8	100%
#16	95.2%
#30	80.4%
#50	48.1%
#100	30.8%
#200	27.0%
#270	26.2%

Clay: 28%

Sand: 72%

Pro Red Clay: Shall consist of natural material free of stone, sticks, roots, and debris. Clay should be mechanically blended and reddish brown in color. Material supplied by Quality Materials, Bound Brook, NJ 732-356-7263 Fax 732-356-5161, or approved equal.



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Warning Track Specifications: (Red)

<u>Sieve</u>	<u>% Passing</u>	<u>Specifications</u>
3/8"	100%	100%
#4	97.60%	95-100%
#8	70.02%	70-100%
#16	44.40%	40-80%
#30	29.00%	20-60%
#50	17.80%	7-40%
#100	9.70%	2-20%
#200	7.40%	0-10%

Warning Track Material: Shall consist solely of clean 3/16" minus crushed aggregate and shall be red in color. Material supplied by Quality Materials, Bound Brook, NJ 732-356-7263 Fax 732-356-5161, or approved equal.

Warning Track Specifications: (Orange)

<u>Sieve</u>	<u>% Passing</u>
3/8"	100%
#4	94%
#8	66%
#16	44%
#30	27%
#50	13%
#100	8%
#200	5%

Warning Track Material: Shall consist of solely clean 3/16" minus crushed brick and shall be orange in color. Material supplied by Quality Materials, Bound Brook, NJ 732-356-7263 Fax 732-356-5161, or approved equal.



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Pitcher Mound and Home Plate Specifications:

Pitchers Mound and Home Plate Material: Shall consist of Hilltopper Mound Mix. Material shall be supplied by Quality Materials, Bound Brook, NJ 732-356-7263 Fax 732-356-5161, or approved equal.

Baseball Mound Renovation

Set pitching rubber height and square it with homeplate.

Excavate to a 4-inch depth in the stride and landing areas and a 2-inch depth on the mound platform.

Apply the Hilltopper at 2-inch lifts, tamp and compact and repeat.

Fill in back and sides sloping to the edge of the circle. Topdress with Stabilizer Infield Conditioner or your infield mix (approx. amount is 40/50 lb. bags).

Softball Pitching Area

Set pitching rubber.

Excavate to a 3-inch depth in a 3' by 10' area, measuring one foot behind the rubber and nine feet in front of the rubber.

Pack Hilltopper and cover with infield mix (approx. amount is 15/50 lb. bags).

Homeplate Area

Set homeplate and square it with the pitching rubber.

To totally treat the complete homeplate area, including batter's and catcher's areas, excavate an 8' by 13' area at a 3-4 inch depth (approx.. amount is 45/50 lb. bags).

For batter's box installation, excavate a 4' by 7' area 3 to 4 inches deep and for catcher's area, a 3' by 3' area (approx. amount is 35/50 lb. bags).

Lightly moisten area if soil is dry.

Place Hilltopper in excavated areas in 1 1/2 to 2-inch lifts. Tamp to compact and cover with infield mix.