



TURFACE® PRO LEAGUE® RED

The first and only patented, red calcined clay conditioner, Turface® Pro League® Red combines a rich red color with proven infield conditioning benefits, creating superior sliding and fielding surfaces. As the preferred conditioner of the major leagues, Pro League Red is unmatched for maximum rainout protection and infield coloring.

MANUFACTURER: PROFILE Products LLC
750 Lake Cook Road, Suite 440, Buffalo Grove, IL, 60089
1 800 207 6457

1. Materials: A calcined, non-swelling illite and silica clay
2. Porosity: Total 74%, with 39% Capillary and 35% Non Capillary
3. pH range: 5.5 ± 1.0
4. CEC: 33.6 mEq/100g
5. Particle Stability: Sulfate Soundness testing (ASTM C-88) and static degradation test not to exceed 4% loss over 20 years
6. Bulk Density: 40± 2 lb/ft³
7. Color Range: Red
8. Packaging: 50 pound valve bags, 2000 pound super sacks, bulk dump truck loads

Pro League Red® SIEVE ANALYSIS:

	% Retained
5 MESH (4 mm)	0.0%
8 MESH (2.38 mm)	4.0%
16 MESH (1.19 mm)	89.2%
20 MESH (.841 mm)	5.8%
50 MESH (.297 mm)	0.9%
PAN	0.1%



PRODUCT DESCRIPTION: Must be an illite silica blend at 40% minimum and 60% minimum amorphous silica. Material must be processed in a rotary kiln operation at temperatures not less than 1200 degrees Fahrenheit. Product must then be screened and de-dusted.

TYPICAL CHEMICAL DESCRIPTION:

SiO₂ - 74%

Al₂O₃ - 11%

Fe₂O₃ - 5%

All other chemicals equal less than 5% and include : CaO, MgO, K₂O, Na₂O and TiO₂

INSTALLATION: Use the following formula to determine the amount of Turface to incorporate into the skinned infield mix. Infields should be amended at 15% to 20% by volume, 4 inches deep.

Turface tons required = area x depth of incorporation (in inches) x desired % of Turface (20% = 0.2)/667

For example: To determine the amount of TURFACE required to amend an infield skinned area of 9000 sq. ft. at a depth of 4 inches at a 20% volume:

$$9000 \times 4 \times 0.2 / 667 = 10.8 \text{ tons of TURFACE}$$

	Regulation Baseball* (in tons)	Softball (in tons)	Little League* (in tons)
Typical Infield Mix	10	9	3

1 ton per 1000 square feet

*Assumes grass infield; double the amount of Turface if completely skinned.

For higher clay content increase rate by 50%.

**667 = Mathematically derived constant for bulk density of 972 lbs. per cubic yard



Solutions for your Environment™