



BEAM CLAY® is the brand of infield materials that have been recognized as the standard of excellence for baseball and softball infields for many years. We have supplied over 150 Major and Minor League Baseball teams across the country. The NY Yankees, for instance, have played on **BEAM CLAY®**, as it has evolved over the years, since 1952 and the infield at the new Yankee Stadium is **BEAM CLAY®** **Baseball Diamond Mix - Pro Premium**.



BEAM CLAY® infield materials are designed for the non-turf areas on which the majority of the game of baseball is played:

- A. Infield Mix (firm yet soft) for the base paths, arc from 1st to 3rd, and home plate circle;
- B. Pitcher's Mound Clay (extra firm) for pitcher's mounds and batter's/catcher's boxes, and Home Plate Clay (medium firm) for batter's and catcher's boxes that do not get covered in rain; and
- C. Warning Track Mix (firm yet crunchy) for warning tracks.

BEAM CLAY® Infield Mixes (**BEAM CLAY® Baseball Diamond Mix - Original Premium, Pro Premium, Medium, Medium – Pro, and Lite**) are manufactured with our special binding process from all natural materials:

- 1.) Uniform sand (medium to coarse) for excellent drainage, and
- 2.) Sufficient clay for the desired degree of firmness, moisture retention, and color.
- 3.) Very little fine/very fine sands and silt, which plug up drainage and which separate, become dusty, and cause wind and water erosion.

We keep fine/very fine sands and silt to a minimum. These are what many lower grade infield mixes are primarily made from and what we keep to a minimum in our infield mixes. While our spec allows 0-10% silt, we keep silt as low as possible, generally around 3-4%. Some infield mixes contain as much as 33% or more silt. Other companies make a big deal of their silt to clay ratio, even though theirs may have much silt as clay.

Silt and fine/very fine sands plug pore spaces and worsen drainage in wet weather, worsen compaction in dry weather, and consequently require more use of infield conditioners to keep an infield playable. Also, because silt and fine/very fine sands separate, become dusty, resulting in wind and water erosion, they make an infield wear out more quickly requiring you to add more infield mix more often. Clay is different - it is not more extremely fine particles of sand - it has a different chemical makeup, crystal arrangement, and isomorphous substitution - that provides firmness, cohesion, and cushion to an infield mix. Also, our sand is predominantly in the .25 – 1.0 mm range for better drainage.

Some companies only give you a two part ratio: sand & clay, for their infield mix, because they are lumping very fine sands, silt and clay together as clay. The very fine sands and silt separate and get washed or blown away. These are the things we do not add to our mixes and keep to a minimum. Consequently, our infield mixes, if properly maintained, will play and maintain better and last longer.

BEAM CLAY® Baseball Diamond Mixes are baseball's premium infield mixes – for safe, attractive, consistent, and the most playable infields. Our **Medium Infield Mixes** have slightly less clay content and firmness, but are a very good value, depending upon your location. **Lite Infield Mix** with less clay content is a sandier mix used primarily for softball infields or for amending infields that are too high in clay content.

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BEAM CLAY® Baseball Diamond Mix – Original Premium is screened thru a 4mm (approximately 3/16") screen, **Pro Premium** thru a 3 mm (approximately 1/8") screen, **Medium, Medium – Pro,** and **Lite** thru 6mm (approximately 1/4") screens and with lower clay contents. They all have small smooth pebbles about the size of popular infield conditioners. These help the porosity of our infield mixes. Like infield conditioners, they come up to the surface when an infield is not used, but readily re-incorporate into the mix when an infield is scarified and prepared for play. We cannot mechanically remove these without changing the clay balance that makes our infield mixes play and maintain so well. If you have not played on any of our infields, our infield mixes are probably very different than what you are used to. Please request and examine the samples we can send you. Our infield mixes make it easier to maintain optimal playing conditions.

While **BEAM CLAY® Infield Mixes** are made only here in New Jersey, we also supply from bulk plants across the country our **Regional Infield Mixes** designed for every state and climate. Many of these in the South and Mid-West have somewhat higher (but still low) silt content. Our West Coast mixes have a natural soil conditioner added to bind very fine sands and silt to greatly reduce separation and dustiness, while adding resilience to the top playing cushion and helping to conserve water. The **Regional Infield Mixes** are generally available in bulk or one-ton bulk bags. For synthetic turf and indoor facilities, we have polymerized clay that eliminates watering, eliminates mud or dust, and greatly reduces tracking onto the turf.

BEAM CLAY® Pitcher's Mound Clay and Home Plate Clay are manufactured from all natural clays (no colorants or additives are used) from our unique clay deposits, in red, orange, brown, tan, or grey. They come pulverized, screened, and dry (giving you more material per pound) – ready for you to moisten and compact for truly firm pitcher's mounds and batter's/catcher's boxes.

We also offer several **Regional Pitcher's Mound Clays**, as well as **Mound Bricks** and our patented, red, poured polyurethane **Pitcher's Mound and Batter's & Catcher's Box Pads**. We also offer most other brands of mound and batter's box clays. These give you several options for maintaining professional quality pitcher's mounds and home plate areas – which are usually the main maintenance problem areas of infields. Please view our instructions for "Building & Maintaining Safe Professional Quality Pitcher's Mounds and Home Plate Areas".

INFIELD CONDITIONERS to improve "top cushion" by firming an infield when wet, yet preventing "baking in" when hot and dry, making playing conditions more consistent. We offer most brands and types of infield conditioners, from **Pro's Choice®** (calcined clay) and **Diamond Pro®** (vitrified clay) to **Red Brick Dust** and **Red Lava Dust**, as well as **Stabilizer®** that adds firmness and resilience to infields that are too soft or dusty.

3/16" RED WARNING TRACK is our premium, best functioning and longest lasting, warning track material (burgundy red 3/16" argillite blended with 5% **BEAM CLAY®** red binder) most widely used by pro teams. We also supply **3/16", 1/4", and 2mm Red Brick Track, 1/4" Red Lava Track**, as well as **Regional Warning Track Mixes**. All are manufactured with the right range of particle sizes to provide firm yet "crunchy", well-draining and safe, warning track surfaces to warn and position players as they approach the outfield wall or fence.

In addition, we supply most other brands and products used on sports fields, so that we can provide you with the best value and products, depending upon your level of maintenance, location, climate, and budget - to truly be "**Your One-Stop Source for America's Baseball and Sports Turf Surfaces & Supplies!**"

Building and maintaining baseball & softball infields is an art—we're here to give you the materials and tools to make it easier to create safer & better playing infields.

PLEASE NOTE: Whereas Pitcher's Mound & Batters Box Clays must be compacted to full density, for infield mixes and warning tracks, we recommend rolling with a turf roller, not a heavy pavement roller, so as to not over compact the infield, which could cause slower drainage plus require more material.

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