

FLEXCOURT®Base Installation Instructions

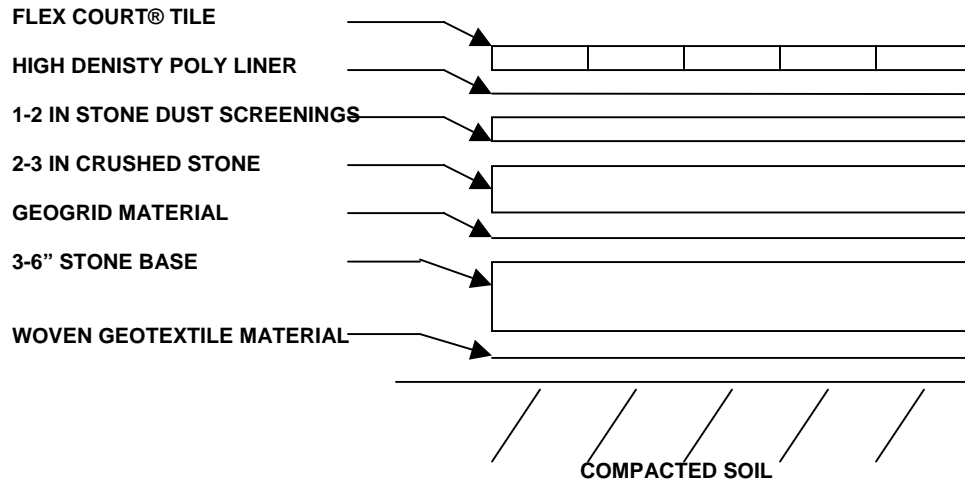
- Mark court layout on the ground
CAUTION: Be sure to check for power lines or other obstacles like sprinkler lines or septic tanks BEFORE you dig.
- Remove sod and dirt
Using a sod stripper or tiller remove at least 8" sod and dirt.
Go at least 18" beyond the planned court layout to allow for tapering after base is completed. RECOMMENDATION: Save enough sod for the 18" area after backfill is completed unless you plan for landscaping beds.
- Compact ground
Using either plate compactor or roller, compact the entire surface.
Base material installed on an unstable sub-base on an unstable sub-base may develop soft wet spots or potholes, or break up and begin mixing with the cushion layer
- Set forms
RECOMMENDED: Use a Laser Transit for best height result
Use 2" x 6" treated lumber or aluminum forms
DRAINAGE, DRAINAGE, DRAINAGE. Set forms at minimum 1/2" per 10' slope. (1" per 10' is typical) ALWAYS slope away from house.
Make sure ground is dry. Compact the ground again.
- Add Geotextile
Use material type Mirafi 570 or equivalent.
www.mirafi.com/products/products_index.html
Stake down Geotextile every 4-6' using 8" sod stakes, or equivalent
- Create base
Add 3'-4" crushed stone for an initial base.
Use minus 1.5" crusher run. The material for your base is called screenings. Use Limestone or bluestone (granite) as a second choice for best foundation. Both contain a substantial amount of calcium; when the stone dust is watered and compacted, calcium causes individual stone particles to adhere into a solid layer.
RECOMMENDED: A 5"-6" layer for courts over 4000 square feet and allow to settle to 3"- 4" base after primary compaction and watering has been applied.

- Add Geogrid Material
 - Use Mirafi Basexgrid 11, or equivalent
 - Use sod stakes if necessary to hold down Geogrid
- Add another 2"-3" layer of finer stone dust screenings,
 - Use minus 1" crusher run
- Compact and water down.
- Add another 1"-2" layer of fine stone dust screenings,
 - Use minus ¼" crusher run
 - Fill to the top of the forms
- Water down and compact
- Base curing
 - Once the base is down, it must set up properly = cure and harden (up to a few days, and in wet weather; up to a few weeks. That's where the patience comes in.
- OPTIONAL: PolyLiner
 - Add a PolyLiner for added support against FLEX COURT® Tile sinking into base.
 - Use a 1-2mm, High Density #45 PolyLiner, or if slope of stone dust base is less than recommended, use a 1mm perforation VCP Screen for proper drainage, 50/50 Polypropylene/Vinyl, 90 Mesh supplied by Flex Court International.
 - Use landscape or railroad tiles around court to fasten the PolyLiner
- Backfill around forms
- Install FLEX COURT® Tile Surface

(See attached Diagram for additional assistance)



FLEXCOURT®BASE



FLEX COURT® - The New Generation Athletic Surfaces

Flex Court International, Inc., P.O. Box 741, Kewanee, IL 61443 Tel: 309-852-0899 Fax: 309-852-2499 www.flexcourt.com