



There is also a particular concrete mix design and finish required for our surface system to optimally adhere

NOTE:

Regarding the court slab concrete mix design, we would recommend a 3,500 PSI concrete mix design. Straight Cement, no Fly-ash, and include a Mid-Range Water reducer. Fly-ash prohibits the paint from sticking, MRWR increases the slump of the concrete chemically without altering the cement water ratio. This helps pump-ability and place-ability. This mix design should realize PSI break strengths that are above 4,000 in less than 28 days. No curing compounds can be used. Apply a medium broom finish.

This is the best concrete mix design, and curing method for tennis courts.

As for thickness, we would recommend at min. a 4 inch Post Tensioned concrete slab. This is better for sports play because it eliminates expansion joints, and reduces the negative effects of cracking.

Court Slope requirements - The Maximum slope allowed is 1" per every 10ft (0.83% slope).

Courts should slope in a true plane (preferably East / West,).

NOTE: QCI assumes no responsibility for slope, drainage, flatness, structural integrity, cracking, or performance of any slab constructed by others, and any surface issues resulting therefrom are excluded from QCI's scope and warranty. Slabs must meet applicable industry standards, including current ASBA slope and drainage requirements. QCI shall not be required to patch, level, overlay, or otherwise remediate slabs lacking proper or sufficient slope, as athletic surfacing systems cannot create or correct structural pitch where none exists, and any corrective work shall be the responsibility of Owner or General Contractor. (For surfacing proposals)