

# GENERAL CONCRETE SPECIFICATIONS

## General Concrete Specifications for SnapSports Outdoor Sports Surfaces

- An additional 1" for every 10' of width and depth of the SnapSports surfacing should be added to accommodate expansion and contraction.
- 2" minimum compactable base material (*GAB, crusher run, 57 stone*) to grade, in frost-free climates.
- 4" minimum compactable base material to grade, in climates with frost.
- If uncertain about base compaction or if installing over fill, use  $\frac{3}{8}$ " steel reinforcement  $\frac{3}{8}$ " steel rebar 24" – 36" on center if needed.
- In temperate climates, fiber reinforced concrete may be used as a substitute for rebar reinforcement, if vehicle traffic is not expected.
- If possible, install all anchors (*hoop, light, ball containment, etc.*) following anchor installation guidelines, in fast-set concrete, before the slab install.
- If applicable, install electrical conduit into the light pole anchor from the bottom and run conduit to the edge of the court in the direction of the electrical service. Abide by all local codes for electrical safety.
- Install concrete pad with nominal 3 – 4" thickness and 6" thickened perimeter in about 18" from forms.
- Concrete should be 3,000 psi mix minimum, with fiber.
- Pour slab completely flat if possible. If unable, slope/crown  $\frac{1}{2}$ " – 1" per 16' ( $\frac{1}{4}\%$  –  $\frac{1}{2}\%$  slope). Make sure the forms are completely square prior to pouring the concrete by verifying the diagonal measurements are equal.
- Medium broom finish perpendicular to slope. If no slope, then perpendicular to predominate game play direction.
- Saw cut expansion joints between 12' and 15' squares, if desired.
- Expansive or unstable soil, water and climate conditions may require engineered specifications for a specific site.
- Tennis court specifications for single or multiple courts are custom engineered and may require post tension concrete depending on soil, water and climate condition.
- For courts less than 28' wide, hoop anchor should be put in a 2' x 2' concrete wing.
- For more information on this or any SnapSports specifications, contact SnapSports, Inc.
- Concrete slabs for game courts do not require control joints. If control joints are desired, only dry-cut saw joints are recommended. Wet cutting or groove tool installed joints create interference points for the playing surface and are not recommended.



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