

PADEL COURT SUB-BASE DETAIL PM-1

13-15 mm thickness polypropylene or other synthetic coating which can be used for standard outdoor tennis courts. Synthetic coating should be filled with quartz sand filling, ~ 3.5 tons.

R/c layer, concrete class C30 / 37 F100 W4, layer reinforced with single $\text{Ø}4 / 150/150$ S500B reinforcing steel mesh or steel fibers (quantity according to manufacturer's recommendations), t = 100mm

(R/c layer can be replaced with asphalt or other waterproof layer)

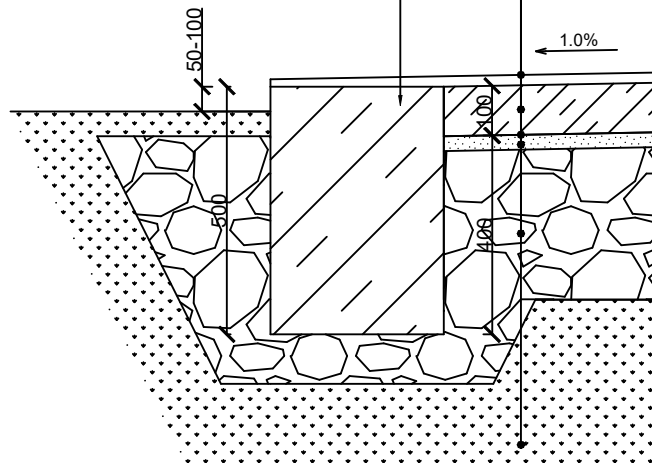
2 sl. polyethylene membrane t = 0.2mm (membrane should not be applied in the case when waterproof layer installed instead of R/c layer)

Layer of compacted sand, factor of compaction $E_{v2} \geq 100 \text{ MPa}$, t=30mm

Layer of gravel (fraction 10-32), factor of compaction $E_{v2} \geq 60 \text{ MPa}$, t=300 mm

Soll, factor of compaction $E_{v2} \geq 45 \text{ MPa}$

R/c strip footing along the entire perimeter, concrete class C30/37 F100 W4



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