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POLYURETHANE PRODUCTS

TORO-TAN

TRACK & FIELD

Your Partner
For Sport & Play

RUNNING TRACK ON EXISTING WATER PERMEABLE BASE

U.S. Patent #4,492,728



Specification Sheet #TT-RE

Track surface options:

1. Champ-Track P.S.
2. Champ-Track W.P.
3. Champ-Track F.P.U.

Toro-Tan layer 30mm (1.2")

Wire Mesh (10x10x10/10)

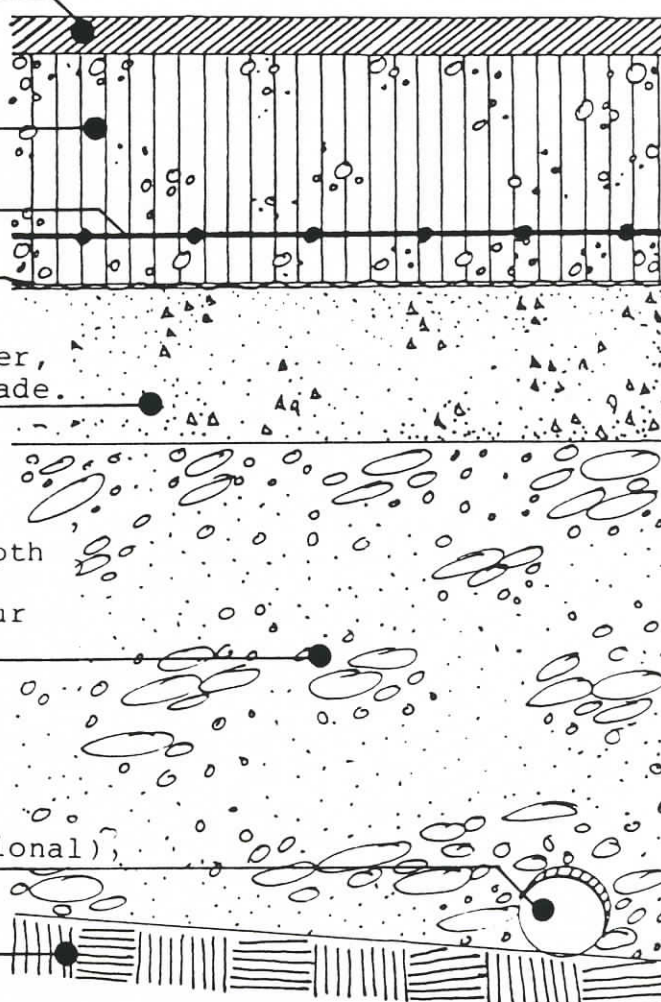
Geotextile filter cloth

Fine crushed granular levelling layer,
depth is determined by the final grade.

Loosen the existing surface to a depth
of 100mm (4"). Must have water
percolation rate of 60 liters/M2/hour
or 1.5 US gallons/ft2/hour.

French drain - perforate pipe (optional)

Undisturbed sub-soil



N.I.S.

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a completely integrated system

1. Should the facility have an existing granular, cinder or chip track, this surface can be used as the sub-base provided it supports adequate drainage.
2. Loosen the surface to a depth of 100 mm (4") with a rototiller.
3. Grade the surface to provide a level surface and compact using a two ton non-vibrating roller.
4. Place to a 50 mm (2") depth, limestone screenings over the compacted aggregate. Level this surface only. This base must not deviate from the final surface by more than 3mm (1/8") plus/minus over 3 meters (10').
5. Place filter cloth (Mirafi P50) over the base providing for a 150 mm (6") overlap at all seams.
6. A wire mesh of a minimum 10 x 10 x 10/10 is laid flat on top of the filter cloth. Wire ties are used to join individual pieces of wire mesh.
7. The Toro-Tan layer 30 mm (1.2") is placed by an authorized installer or Sportbau Canada Limited.
8. The Toro-Tan can be used as a non-spike running surface, however an authorized installer or Sportbau Canada Limited can apply optional upgraded surfaces at the time of installation or at any time in the future.
9. Application of Champ Track P.S., a structural spray using a two-component polyurethane and E.P.D.M. granual 0.5 - 1.5 mm. This is done by an authorized installer or Sportbau Canada Limited. Should the time lag between the Toro-Tan installation and the structural spray be greater than one month a primer must be applied before the structural spray is applied.
10. Application of Champ Track W.P., a 4 mm (3/16") layer of E.P.D.M. granuals, screeded and rolled to achieve a water permeable track surface. This is done by an authorized installer or Sportbau Canada Limited. Should the time lag between the E.P.D.M. layer and the structural spray be greater than one month a primer must be applied before the structural spray is applied.
11. Application of a water impermeable two-component polyurethane layer to achieve the high performance characteristics of a full polyurethane track. The Champ Track F.P.U. surface is applied by an authorized installer or Sportbau Canada Limited. The first layer of the Champ Track F.P.U. system must include a thixotropic agent to ensure that the polyurethane will not penetrate the Toro-Tan to an excessive depth.
12. Line painting is applied using two-component polyurethane paint.

NOTE: Depth of excavation and granular fill will vary depending upon frost conditions and the ability of the sub-soil to absorb water.