

PRODUCT SPECIFICATION

TitanTrax Shield® Athletic Track Underlayment

1. Product Name

TitanTrax Shield® indoor / outdoor

2. Product Description

- A. Unbound or bound, prepared base
- B. Prefabricated TitanTrax Shield Fabric
- C. Latex or Polyurethane Primer
- D. Polyurethane or Latex Track Surface

3. Basic use

The TitanTrax Shield® (hereafter “Shield”) is used indoors and outdoors over new and existing asphalt and/or concrete bases to assist in rejuvenating existing athletic track facilities. The Shield base mat can be manufactured in 12’ or 15’ widths minimizing the amount of waste and the number of seams. The Shield is not attached to the base except at the perimeter edges. The edges are attached to prevent moisture intrusion into the base. Because of the prefabrication of the Shield on state-of-the-art equipment the physical properties are equal throughout the entire surface.

The Shield is:

- A. Thermally and dimensionally stable
- B. Acts as a vapor and water barrier both from above and below protecting the base layer below as well as the surface on top
- C. Performs as a method to recycle damaged pavements and prepares them to receive a new surface

4. Composition of Material

A multi-layer composition track consisting of a repaired base over which the Shield layer, which is a special dimensionally stable fibre and mesh fabric, is saturated with polyurethane, installed and primed with a latex or polyurethane primer. A synthetic track surface is then installed on top of the Shield.

PRODUCT SPECIFICATION

TitanTrax Shield®
Athletic Track Underlayment
pp. 2

4.1 Subbase

A levelled, compacted and stabilized unbound sand / cinder / clay / rock base with a slope of up to 1 %.

4.2 TitanTrax Shield® Layer

Prefabricated multi-layer, polyurethane impregnated sheet good which is supplied in rolls, engineered into a stable moisture resistant protection shield for the underlying base.

4.3 Polyurethane or Latex Athletic Track Surface

A resilient running track surface

4.4 Line paint

5. Installation

1. The asphalt or concrete base is patched and leveled as necessary to ensure no standing water. All cracks are prepared and filled with flexible, non-tacky crack filling materials.

2. The prefabricated TitanTrax Shield® is un-rolled out over the prepared and approved substrate. The material is trimmed, butt-joined and seamed using a polyurethane adhesive and polyester tape forming a tight joint, not attached to the underlying pavement.

3. The Shield edges are sealed and attached to the pavement or curb with polyurethane adhesive and 6" seaming tape on the inside and outside edges.

4. Standard primer for latex or polyurethane tracks systems is applied to the Shield and allowed to cure.

5. The athletic running track surface is applied on top of and thereby bonded to the Shield.

6. After thorough cleaning of the surface the game lines are surveyed and spray-applied.

PRODUCT SPECIFICATION

TitanTrax Shield®
Athletic Track Underlayment
pp. 3

6. Precautions

Prior to commencement of the installation the base must be repaired and stabilized. It should have a slope of about 0.5 - max. 1 % for excessive surface water to run off.

Deviations should be not greater than +/- 4 mm under a 4 m straightedge. During installation the weather must be dry with temperatures not below 50° F.