



SYNTHETIC TRACK SURFACING- REKORTAN® RT - FULL POUR RESURFACING SPECIFICATION

PART 1- GENERAL

1.01 SUMMARY

- A. The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for the track resurfacing in accordance with these specifications and indicated on the drawings.
 - 1. Rekortan® RT –An impermeable running track re-top surface made of a self-leveling fluid applied polyurethane top coat with a dense matrix of EPDM rubber granules. Approximate depth of the system shall be 5 mm.

1.02 CODES AND STANDARDS

- A. Codes and standards follow the current guidelines set forth by World Athletics (WA), the National Collegiate Athletic Association (NCAA) or the National Federation of State High School Associations (NFHS).

1.03 SUBMITTALS AND SUBSTITUTIONS

- A. Request for deviations or substitutions from the specifications must be made in writing seven days prior to the bid date. Complete product data including specifications, application rates, mixing instructions and a sample shall be sent with the request to the district and/or its agent for an evaluation. Alternatives will be allowed only by addendum.
 - 1. Submit manufacturer's product data sheets including installation guidelines and maintenance guidelines.
 - 2. Submit a track sample that is representative of surfacing to be installed.
 - 3. Submit Safety Data Sheets (SDS) for all individual components of the product being installed.

1.04 QUALITY ASSURANCE

- A. The track surface installer shall be authorized by Manufacturer and possess a minimum of five (5) years' experience installing the Rekortan® systems.
- B. The supervisor, of the installing company, must have five (5) years' experience surfacing Rekortan® systems and must have installed a minimum of ten (10) World Athletics approved track systems within the last three (3) years.
- C. The manufacturer must offer a minimum of four (4) World Athletics approved track systems.
- D. Submit evidence that the synthetic surfacing contractor is a member of the American Sports Builders Association (ASBA).
- E. All material components must be procured from manufacturer, a single source. No substitutions allowed without written approval from manufacturer.
- F. **All polyurethanes used must be manufactured by an ISO 9001 and ISO14001 Certified Company. Manufacturer's ISO 9001 and ISO 14001 certificate must accompany bid.**



1.05 SITE CONDITIONS

- A. Weather: Surfacing shall not be done when the threat of freezing exists for the following 24 hours, rain is imminent or gusting winds are occurring.
- B. Site: During any surfacing and striping, sprinkler systems must be shut off or controlled so that no water falls on the track or event area surfaces. Other trades and school district personnel must stay off the wet or curing surface.
- C. Do not apply rubberized topping when base surface temperature is less than 50° F.
- D. Only mix and apply when meeting manufactures recommended guidelines.
- E. The General Contractor shall provide temporary barriers as required to prevent public entry to construction area and to protect adjacent properties from damage during construction operation.

1.06 WARRANTY

- A. Provide manufacturers standard five (5) year warranty.

PART 2- PRODUCTS

2.01 SUPPLIER

Advanced Polymer Technology
109 Conica Lane; PO Box 160
Harmony, PA 16037
724-452-1330

2.02 MATERIALS

- A. Rekortan® RT - Running Track Resurfacing: Full pour Rekortan® polyurethane, fluid applied, impermeable track resurfacing with an embedded EPDM rubber finish.
Materials include:

1. Primer
2. Two Component Rekortan® Full Pour Polyurethane
3. Manufacture Approved EPDM Colored Rubber

PART 3- EXECUTION

3.01 EXAMINATION

- A. Verify existing track surface for dimensional stability, strength, and surface integrity. Notify owner of any deficiencies.
- B. Entire surface shall be clean and free of all dirt, oil, grease or any other foreign residue. It is the responsibility of the General Contractor to ensure that the surface is thoroughly clean in all areas as necessary to ensure adhesion of the track surface.



3.02 PRODUCT AND MATERIAL DESCRIPTION

- A. Rekortan® RT is a 5 mm, impermeable full pour system. It consists of a fluid-applied topcoat of Rekortan® polyurethane and embedded EPDM rubber granules.
- B. Primer: Rekortan® primer designed to go over existing polyurethane surfaces shall be used.
- C. Top Coat Colored Rubber (EPDM): Must be an approved EPDM rubber. SBR rubber is not allowed in the wearing course.
- D. Full Pour Polyurethane: The full pour polyurethane shall be made of a high quality, two-component Rekortan® polyurethane.

3.03 APPLICATION PROCEDURES

- A. The entire track surface shall be clean and free of dirt, oil, grease or any other matter upon arrival of the installation team. Any dirt, etc. shall be pressure washed off the base by the general contractor.
- B. Prime entire existing track surface with a compatible Rekortan® polyurethane primer. Primer shall dry to a tack-free condition prior to beginning next application. Do not allow primed surface to become contaminated by rain, dust, debris, etc.
- C. Resurfacing Layer: After the primer has cured to tack free, mix the Rekortan® full pour coating and apply using a notched trowel or squeegee and allow to self-level. Broadcast to excess with colored EPDM granules, using a flat shovel or machine spreader ensuring all of the coating is covered.
- D. Allow top layer to cure and reclaim all excess rubber by means of a sweeper and/or vacuum/blower without causing damage to the track surface.

3.04 STRIPING

- A. All line marking paint shall be compatible and approved for the synthetic surfacing. Only an experienced track striping specialist shall perform the line striping.

END OF SPECIFICATION – REKORTAN® RT