



SYNTHETIC TRACK SURFACING- REKORTAN® WBS RS - STRUCTURAL SPRAY RESPRAY SPECIFICATION

PART 1- GENERAL

1.01 SUMMARY

A. The contract work to be performed under this section consist 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 WBS RS – A running track respray surface made with an aliphatic, water-based structural spray finish.

1.02 CODES AND STANDARDS

A. Codes and standards follow the current guidelines set forth by the 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 a set of manufacturer's product data sheets including installation guidelines and maintenance guidelines.
2. Submit a track sample that is representative of the product being installed.
3. Submit Safety Data Sheets (SDS) for all individual components of the product being installed.

1.04 QUALITY ASSURANCE

A. The track surface will be applied by an installer authorized by Manufacturer and possess a minimum of five (5) years" experience installing 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 certified 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 substitutes allowed without written approval from manufacturer.

F. **All polyurethanes used must be manufactured by an ISO 9001 and ISO 14001 Certified company. Manufacturer's ISO 9001 and ISO 14001 certificate must accompany bid.**



1.05 SITE CONDITIONS

- A. Weather: Surfacing shall not begin if rain is imminent, if gusting winds are occurring or when the threat of freezing exists within 24 hours.
- 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. 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® RS- Running Track Resurfacing: A pigmented, one component Rekortan® structural spray and colored rubber granules spray applied to provide a structural spray surface.

Materials include:

1. Primer
2. Rubber graded to .5-1.5mm or .5-2mm
3. One-Component Rekortan® Aliphatic, Water-based, Structural Spray

PART 3- EXECUTION

3.01 EXAMINATION

- A. Verify existing track surface for dimensional stability, strength, and surface preparation. 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 of the new and/or existing asphalt or concrete base as necessary to ensure adhesion of the track surface.

3.02 PRODUCT AND MATERIAL DESCRIPTION

- A. Rekortan® WBS RS – A track re-surfacing with an aliphatic, water-based structural spray finish. Two coats of a mixture of colored polyurethane and rubber, which are structurally sprayed onto the existing surface to provide a new top course.



- B. Primer: Proper Rekortan® Primer to be used based on substrate (concrete or asphalt).
- C. Rubber: Manufacture approved rubber graded to .5-1.5mm or .5-2mm. It is to be dry and in sealed bags.
- D. One Component Aliphatic, Water-based Structural Spray: The current surface shall be coated with a pigmented, one component Rekortan® aliphatic, water-based hybrid polyurethane structural spray that is compatible with the rubber.

3.03 APPLICATIONS PROCEDURES

- A. The entire surface shall be clean and free of dirt, oil, grease or any other matter prior to application of the resurfacing materials. Any dirt, construction debris, etc. shall be pressure washed off of the track surface by the general contractor.
- B. Prime entire surface area with a compatible Rekortan® polyurethane primer. Mask and protect adjacent structures, as required. 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. Mix the water-based structural spray and rubber until thoroughly coated. The mixture should be sprayed in two separate applications. Apply the second coat, in an opposite direction as to the first. Apply specified amounts to achieve proper coverage.

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® WBS RS