



SYNTHETIC TRACK SURFACING- SPURTAN® 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 surfacing in accordance with these specifications and indicated on the drawings.

1. Spurtan® Respray - Polyurethane bound running track re-surfacing with one component structural spray.

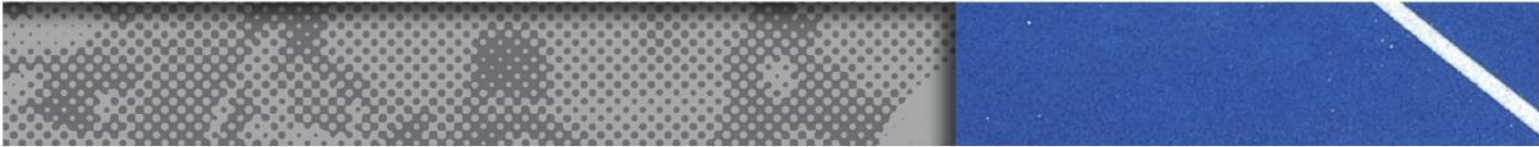
1.02 CODES AND STANDARDS

A. Codes and standards follow the current guidelines set forth by the International Association of Athletics Federation (IAAF), 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 three (3) sets of manufacturer's product data sheets including installation guidelines and maintenance guidelines.
2. Submit three (3) representative track samples in the color of surfacing to be installed.
3. Submit Material Safety Data Sheets (MSDS) or Safety Data Sheets (SDS) for all individual components of the product being installed.

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4. Submit evidence that the synthetic surfacing contractor is a member of the American Sports Builders Association (ASBA).

1.04 QUALITY ASSURANCE

- A. The track surface will be applied by an installer authorized by APT. The contractor shall have a current contractor's license, as well as a current sales tax and use tax number if applicable.
- B. Successful contractor will provide proof of insurance as well as performance and payment bonds if required.
- C. **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 three (3) year warranty for track resurfacing projects.



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Phone: 724.452.1330

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PART 2- PRODUCTS

2.01 SUPPLIER

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

2.02 MATERIALS

- A. Spurtan® Respray- Polyurethane bound running track re-surfacing with one component structural spray.

Materials include:

1. Qualipur Polyurethane primer
2. One-Component Qualipur Structural Spray
3. Melos EPDM Spray Rubber

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.
- C. Beginning installation stipulates track installer “accepts” existing conditions. Adhesion to the existing surface is the surfacing contractor’s responsibility



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3.02 PRODUCT AND MATERIAL DESCRIPTION

- A. Spurtan® Respray- Polyurethane bound running track re-surfacing with one component structural spray. Two coats of a mixture of colored polyurethane and spray rubber, which are structurally sprayed onto the existing base to resurface current track surface.
- B. Rubber (EPDM): Melos EPDM spray rubber (or approved equivalent).
- C. One Component Structural Spray: The current surface shall be coated by using a one component, Qualipur polyurethane resin based, structural spray mixed with Melos spray rubber (or approved equivalent).

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 the track surface by general contractor.
- B. Prime entire surface area with a compatible Qualipur polyurethane primer. Mask and protect adjacent structures, as required. Primer shall dry to a tack-free condition, but no longer than 24 hours, for application of Resurface layer. The consumption rate is 0.29 lbs/sy (0.16 kgs/sm).
- C. Mix the structural spray and spray 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. The minimum application rate is 1.92 lbs/sy (1.04 kgs/sm) for the Qualipur structural spray and 1.27 lbs/sy (0.69 kgs/sm) EPDM spray rubber. 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-stripping specialist shall perform the line striping.

END OF SPECIFICATION - SPURTAN® RESPRAY

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