

SYNTHETIC TRACK SURFACING- REKORTAN® RESURFACE 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.


Rekortan® ReSurface –A Polyurethane bound, impermeable running track recap surface with a broadcast EPDM rubber granules. Minimum depth of the resurface shall be 5 mm.

1.02 CODES AND STANDARDS

- A. Codes and standards follow the current guidelines set forth by the International Associations of Athletics Federations (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 installer shall be authorized by APT (Manufacturer) and possess a minimum of ten (10) years' experience installing the specified system.
- B. An installer authorized by APT will apply the track surface. The contractor shall have a current contractor's license, as well as a current sales tax and use tax number if applicable.
- C. Successful contractor will provide proof of insurance as well as performance and payment bonds if required.
- D. **All polyurethanes used must be manufactured by APT 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.



APT

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1.06 WARRANTY

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

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. Rekortan® ReSurface - Running Track Resurfacing: Full pour layer Qualipur polyurethane bound poured-in-place track resurfacing with an EPDM rubber embedded broadcast finish.

Materials include:

1. Qualipur Polyurethane primer
2. Two Component Qualipur Polyurethane
3. Melos EPDM Broadcast 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.




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

3.02 PRODUCT AND MATERIAL DESCRIPTION

- A. Rekortan® ReSurface is a 5 mm, impermeable full pour system. It consists of a fluid-applied topcoat of Qualipur polyurethane and embedded EPDM rubber granules.
- B. Colored Rubber (EPDM Broadcast): Must be Melos rubber. Unless specified, black rubber is not allowed in the wearing course. Color: Red unless otherwise specified.
- C. Full Pour Polyurethane: The resurfacing of full pour polyurethane shall be made of a two-component Qualipur polyurethane with no solvents or fillers added. The specified products are Qualipur 5050 (A & B) in the retop layer.

3.03 APPLICATIONS 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 Qualipur 1230 at an approximate rate of 0.29 lbs./sy (0.16 kgs/sm).
- C. Resurfacing Layer: After the primer has cured to tack free, but no longer than 24 hours, apply the final coat of mixed Qualipur 5050 coating, using a notched trowel or squeegee to achieve an even wet look. Do not overwork the material this can cause excessive trapped air. The consumption rate for the Qualipur 5050 is 6.64 lbs/sy (3.60 kgs/sm). Broadcast to excess with 1-4mm colored EPDM granules, using a flat shovel or machine spreader ensuring all of the coating is covered. The consumption rate for the EPDM granules is 9.22 lbs/sy (5.00 kgs/sm).




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- D. Allow top layer to cure, and reclaim all excess rubber by means of a mechanical sweeper.

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® RESURFACE

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