

RUNNING TRACK SPECIFICATIONS

GODDARD GTS TRACKS

REFLEX

Latex Running Track Systems

PART 1 – GENERAL DESCRIPTION

1.01 DESCRIPTION

A. Scope

The complete installation of a layered latex bound rubber granule track as formulated by and furnished by Goddard Coatings Company of Lake Orion, MI. Materials include latex primer, latex binder, rubber granules, and track line paint.

B. Product Description

Goddard GTS REFLEX system is a premium quality, water permeable competition track surface composed of carboxylated styrene butadiene latex and SBR or EPDM rubber granules or strands applied in multiple layers.

C. Typical Standards (U.S.A.)

Total average thickness of rubber base pad shall be 3/8" to 1/2" as specified. Installation should be over specified grade asphalt of 3" minimum thickness, placed in two lifts of 1½" each.

1.02 QUALITY ASSURANCE

A. Acceptable Installer

Goddard GTS REFLEX system shall be installed by an authorized factory-trained dealer only.

Installer must submit list of similar work using Goddard Coatings Company materials.

1.03 SUBMITTALS

A. Samples

Submit samples of Goddard GTS REFLEX system colors requested by customer.

1.04 DELIVERY AND STORAGE

A. Delivery of Materials

Materials should not be delivered until site and climate is ready for installation.

B. Storage of Materials

The general contractor shall provide a secure, clean, dry location for storage of materials at 50°F to 85°F minimum. Outdoor storage must be fully protected from moisture by a covering with 10 mil polyethylene fill and tarpaulin. All materials stored outside shall be inspected by installer/dealer for moisture contamination before application. Manufacturer recommends materials are to be stored at a secure/locked facility.

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1.05 WARRANTY

A. Warranty

The Goddard GTS REFLEX system installation shall be warranted by the installer/manufacturer for any defects in materials and workmanship for a period of one (1) year or from date of acceptance or as specified in plans and specifications. The warranty shall not cover damage to the installation caused by conditions beyond the control of the guarantor including, but not limited to, moisture permeation from any source, substrate movement or separation, faulty design or construction, abuse of the surface or failure to abide by Care and Maintenance literature including application finishes or protective coatings subsequent to completion of specified work.

PART 2 PRODUCTS

2.01 MATERIALS

A. Primer

Goddard GTS latex primer as required over asphalt or concrete.

B. Base Mat Granulate or Strands

To be SBR or EPDM rubber, 1 to 6 mm in size or as specified, and free of any foreign materials.

OPTIONAL: Colored Granulate Sandwich System

Black SBR base layers with EPDM colored top layers.

C. Latex Binder

Goddard GTS latex binder is a pre-packaged 1 component, carboxylated styrene butadiene latex having minimum resin solids of 50%. Dilution rates shall not exceed 33%.

D. (OPTIONAL) Goddard GTS Structural Coating

Please see Goddard GTS REFLEX SC specifications.

E. Track Line Paint

Goddard GTS track line paint is available in seven (7) standard colors.

PART 3- EXECUTION

3.10 INSPECTION

A. Substrate

Refer to Specific Goddard Coatings Company Substrate Specifications.

Prior to installation of the Goddard GTS REFLEX system, the asphaltic or concrete base shall be inspected for surface tolerance. Structural tolerances or design mix of the asphalt or concrete base shall meet specifications as approved by the site inspector. Deviations in the planarity of the base of 1/8" in 10' shall be corrected by others in a manner acceptable to track surfacing manufacturer.



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All work required to put the substrate in acceptable condition shall be the responsibility of the general contractor.

Installer shall perform test for moisture and adhesion prior to application and report adverse conditions to the general contractor in writing.

Asphaltic concrete shall be allowed to cure a minimum of fourteen (14) days prior to installation of track surfacing. Portland cement bases shall be allowed to cure a minimum twenty-eight (28) days with variables based on climate conditions.

3.02 INSTALLATION

A. Priming

Surfaces to receive Goddard GTS REFLEX system shall be primed as required by surface conditions and in accordance with manufacturer's recommendations. Minimum application rates of .10 gallons per square yard at a dilution rate of 50%.

B. Rubber Surface

The rubber surface specified thickness shall be achieved by applying multiple layers of latex encapsulated SBR or EPDM rubber. Each layer shall consist of an average rate of 2.6 lbs per square yard of rubber granules or 1.5 lbs per square yard of rubber strands and 0.1625 undiluted gallons per square yard of latex binder.

1/2" full depth GTS REFLEX granules – 5 layers

3/8" full depth GTS REFLEX granules – 4 layers

1/2" full depth GTS REFLEX strands – 7 layers

C. Final Spray

The entire track surface is sprayed with latex at the rate of 0.10 gallons per square yard. In order to protect the track surface from damage by the sun, black dye is added to the latex for the final spray coat.

D. Line Markings

Lane line marking and events shall be applied in accordance with governing bodies. "Certified" or "Certifiable" lines will be furnished as specified.

E. Site Clean Up

Upon completion of installation, installer shall remove all unused materials, tools equipment and rubbish. To dispose of empty containers in accordance with federal and local guidelines and restrictions.

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3.03 PROTECTION

A. Cure Time

No traffic or other trades shall be allowed on the surface for a period of one week following completion to allow for complete cure of finish system.

B. Other Trades

It shall be the responsibility of the general contractor to protect the track from damage from other trades before acceptance by the owner or his agent.

C. Safety

No smoking, open flames or sparks from electrical equipment or other sources shall be permitted during application of materials.

MANUFACTURER

Goddard GTS REFLEX system is a brand name of Goddard Coatings Company, and all Goddard Coatings Company systems are installed by authorized, factory-trained personnel.