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## SEAL-FLEX LR-6 SPECIFICATIONS

*Protected by U.S. Patent # 4,529,622 and 4,474,833*

The Seal-Flex® rubber running surface shall be applied over a proper substrate, paved to tolerance as specified by the Architect or Engineer and allowed to cure approximately 14 to 20 days to insure oil free surface.

The Seal-Flex surface course shall consist of multiple applications of stranded rubber aggregate bound by successive applications of latex compounds to achieve a total depth of 3/8 inch as specified.

### MATERIALS:

Strand rubber aggregate for Seal-Flex base rubber course shall be properly ground and graded to a minus 1/4 inch to a plus 16 gradation.

**NO CHUNK RUBBER WILL BE ALLOWED IN ANY PART OF THIS SYSTEM.**

Latex binder material for Seal-Flex shall be pigmented latex mixture of carboxylated styrene-butadiene copolymer as formulated and approved by Seal-Flex Corporation.

Prime and first coat - high adhesion "sticky" latex (Seal Flex Tack).

This latex has a T<sub>g</sub>\* of -50 Celsius and is designed specially for first layer tack adhesion.

Body and surface - tough water resistant latex (Seal Flex Binder)

This latex has a T<sub>g</sub>\* of 5 Celsius and is designed specifically to encapsulate and adhere to track rubber.

Protectant coat - high ultra violet resistant latex (Seal Flex Sheen)

This final coat has a SEAL-FLEX mixture which provides a UV protection.

**NO ASPHALT EMULSIONS WILL BE ALLOWED IN ANY PART OF THIS SYSTEM.**

Ethylene glycol shall be added as a surfactant as required.

### BASE INSPECTION AND PREPARATION:

Prior to the application of the synthetic surface, the asphalt base shall be inspected for conformity to planarity requirements. The surface shall not deviate more than 1/8 inch in 10 feet from the specified grade when checked with a 10 foot straight edge. The surface may also be flooded to determine if any "bird baths" low areas exist. Any areas found not to be in conformance with the above requirements shall be repaired by others and allowed to cure prior to the application of the synthetic surface with compatible materials. The final grade of top soil should not be completed until the synthetic surface is complete, so it may be draped on the asphalt's 45 degree angle.

The architect will provide to the surfacing contractor~, prior to surface installation,

a letter stating that all repairs, if any, asphalt planarity, and specifications for the base are in compliance with the project documents.

#### CLEANING:

The general contractor will make certain all areas to be surfaced shall be clean and free of any loose or foreign particles ( dirt, oil, etc.) prior to the installation of the synthetic surface.

#### APPLICATION:

The latex binder shall be placed in a mixer equipped with a pump and spray system capable of producing 10 to 40 pounds per square inch.

The base rubber aggregate shall be applied over entire surface to receive the Seal-Flex running surface at approximately 2 lbs. per square yard. The rubber aggregate shall be sprayed with latex composition with dilution and additives as formulated by Seal-Flex Corporation at approximately .2 gallons per square yard. When thoroughly dry, (Approximately 12 hours), successive applications of base rubber at approximately 2 lbs. per square yard per application and latex composition at

Approximately .2 gallons per square yard per application shall take place until desired

Depth is achieved. The base rubber shall receive an application of surface rubber aggregate and a final sheen coat according to specifications by Seal-Flex Corporation to achieve the desired UV protection, texture and spike protection. Total finished thickness shall be minimum 3/8". The finished weight 'of the system shall not be less than 9.4lbs. per square yard of surface.

#### LINES:

Lines shall be accurately placed in accordance with the NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS, NATIONAL COLLEGIATE ATHLETIC ASSOCIATION or UNITED STATES TENNIS COURT and TRACK BUILDERS ASSOCIATION, rules and specifications, whichever is appropriate and applies. The lines shall be painted with material, which is water base acrylic latex, compatible with rubber and herein before specified latex material. The event markings shall be color coded according to the above-specified rulebook.

All track layouts shall be guaranteed to be acceptable for certification.

#### GENERAL LIMITATIONS:

No phase of this construction shall take place unless the ambient temperature is above 50 degrees Fahrenheit, nor when rain is imminent or falling, nor when other conditions are obviously unsuitable.

#### INSTALLER QUALIFICATIONS:

The resilient track surface contractor must be an authorized Seal-Flex licensed installer who has completed at least 25 projects of similar magnitude and complexity.

#### WARRANTY

This system is warranted against defects in materials and workmanship. The warranty excludes damage or defects caused by improper construction or design of the base materials, vandalism, abuse, bubbles, neglect, lack of maintenance, or acts of God.