



MAC

McConnell & Associates

Sports & Recreation Surfaces



MAC Conipur SP Polyurethane Base Mat/Structural Spray Track System

Wherever you walk, run or play,
MAC Sports leads the way.



MAC Conipur SP is a 100% polyurethane-based, base mat/structural spray track system that offers exceptional all-weather performance and durability. The paved-in-place rubber base mat provides exceptional shock absorption, allowing safe long-term training. The pigmented polyurethane/EPDM structural spray coat provides a highly textured and durable wearing layer. The finished track system is a resilient, virtually seamless surface with outstanding performance characteristics and durability.

The MAC Conipur SP-style track has long been the number one choice for high schools and small colleges installing polyurethane tracks. McConnell & Associates uses only time-tested polyurethane manufactured by BASF Construction Chemicals, Division CONICA Technik, the world's largest manufacturer and supplier of polyurethanes for sports surfacing.

The MAC Conipur SP Track System consists of:

- Paved SBR Rubber with Polyurethane Binder Base Mat
- Highly Textured Pigmented Polyurethane with EPDM Rubber Structural Spray Coat
- Installation using Mixing and Paving Equipment Designed Specifically for Sports Surfacing by SMG
- Excellent Performance, Proven Durability, Cost Effectiveness, and Low Maintenance
- IAAF Certified
- Comprehensive 5 Year Warranty
- Installation by McConnell & Associates

McConnell & Associates Sports & Recreation
1225 Iron
North Kansas City, Missouri 64116

Kansas City:
(816) 842-6066 / (800) 779-6066

St. Louis:
(314) 962-1920

Pevely:
(636) 475-7733

www.McConnellSports.com



If you're on a Conipur track system installed by MAC Sports & Recreation, you're running in the fast lane. MAC estimators, engineers and installers work seamlessly to design, build and maintain premier track systems.



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CONICA®

MAC Conipur SP

MAC Conipur SP is a two layer, in situ, spike resistant, colored, permeable, resilient polyurethane athletic surface. The total minimum recommended thickness is 13mm. The base layer consists of black SBR granules bound together with a specially formulated, single component polyurethane, Conipur 322. The top layer consists of a specially formulated colored polyurethane, Conipur 216, and colored EPDM rubber granules spray applied to leave the surface water permeable.

Method of Installation

Asphalt Check

Prior to the application of surfacing materials, the entire surface will be flooded (either by rain or by portable water) and checked for minor depressions or irregularities. Any puddled area covering a nickel will be marked, cleaned, primed, and leveled with base mat material or two part polyurethane (an additional cost will apply). After patching, the asphalt shall not vary more than 1/4" in 10' measured in any direction.

Installation of Conipur SP

After ensuring that the asphalt base is clean and dry, any mud, debris, or foreign matter will be removed by sweeping, scraping or blowing.

Application of Primer

Using an airless spray machine, Conipur 74 or Conipur 322, thinned with solvent, will be sprayed evenly at a rate of 0.3#/sq. yd. The solvent will be allowed to evaporate before applying the base layer.

Mixing of Conipur 322 and SBR Granules

Conipur 322 and 1-3mm clean, dry SBR granules will be mixed in a forced mixer at a recommended ratio of 100 parts SBR granules to 20 parts Conipur 322 by weight. EPDM rubber can be used for base mat in place of SBR if desired.

Application of the Base Layer

The mixed material will be applied to the asphalt base at a thickness of approximately 11mm using a specially designed paver which utilizes a heated screed designed to level and compact the resilient base layer. The base layer will then be allowed to cure (harden). The curing process depends on temperature and humidity and normally occurs overnight. Continuous mixing equipment will be used for the application of the base mat.

Application of the Top Layer

A batch of Conipur 216 Part A and Part B will be weighed out into two separate containers in the ratio of 1:2 by weight. The two parts will be poured into a mixing container and thoroughly mixed. After mixing, clean, dry 0.5-1.5 EPDM granules will be added at a rate of 40 parts per 60 parts liquid polyurethane by weight, and thoroughly mixed. When mixed, the material will be transferred into a spray machine specifically designed for application of this type of material. The mixture will be sprayed onto the surface in two even coats with a total coverage rate of approximately 3.6#/sq. Yd. The viscosity of the mixture can be adjusted using a small amount of solvent or rubber dust if necessary to achieve the desired result.

Line Marking/ Events Marking

The track will be laid out by a qualified party and all lane and event markings will be marked according to IAAF, NCAA, or NFSHS guidelines.

Line / Event Spraying

Lanes and events will be sprayed using Conipur 60 specially formulated two part polyurethane paint or approved equal.