



MAC

McConnell & Associates

Sports & Recreation Surfaces



MAC Conipur ISP Track System

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



MAC Conipur ISP is a 100% polyurethane-based impermeable base mat track with a structural spray coat finish. Like our MAC Conipur SP (base mat/structural spray) track system, we start with a paved-in-place base mat which provides exceptional shock absorption for safe long-term training. The next step is to apply a sealer coat of two-component polyurethane to the base mat. The sealer layer adds toughness and resilience and makes the system impermeable, thus keeping out water and contaminants. Finally, a pigmented polyurethane/EPDM structural spray coat is applied. The spray coat provides a highly textured and durable wearing layer. The finished track system is a uniform, virtually seamless surface with outstanding performance characteristics and durability. The MAC Conipur ISP 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 ISP Track System consists of:

- Paved SBR with Polyurethane Binder Base Mat
- Two-component Polyurethane Sealer Layer
- Highly Textured Pigmented Polyurethane with EPDM Rubber Structural Spray Coat
- Installation Using Metered Mixing and Paving Equipment Designed Specifically for Sports Surfacing
- Exceptional 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 ISP

MAC Conipur ISP is a three layer, in situ, spike resistant, colored, impermeable, 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 second layer consists of a specially blended thixotropic polyurethane used to seal the base mat. The top layer consists of a specially formulated colored polyurethane, Conipur 216, and colored EPDM rubber granules spray applied to leave the surface water impermeable.

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 MAC Conipur ISP

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 70 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 1-3 mm 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. Specially-designed continuous mixing equipment will be used for the mixing of the base mat material.

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.

Sealing the Base Layer

The base layer will be sealed using a two part, specially formulated thixotropic polyurethane, Conipur 203 or Conipur 210 thickened with EPDM dust. The Conipur Part A and Part B will be mixed in a forced mixer per manufacturer's specified ratios by weight, and rubber dust will be added for proper viscosity. In order to achieve a homogeneous mix, the mixed material should be poured into another mixing vessel and remixed. The mix will then be poured onto the resilient base and, using a straight edged trowel or squeegee, the surface will be sealed by scraping the material into the open pores with a flat squeegee.

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.