

# Conica produces the 'fastest' fast lane

An athletic track that exceeds the highest expectations for competitive sports and creates a revolutionary level of running performance.

The system concept was initially devised for the re-topping of the existing track in the Letzigrund stadium Zurich (Switzerland for the 2014 European Championships). The success of this project has allowed us to further develop the technology so that CONICA can set new standards again.

With the unique combination of an energy-reflective base layer and a force-stabilizing top layer, the new CONIPUR Vmax flooring system is well proven and measurably faster than previous track systems.

The development programme was completed at the beginning of 2017 after which a period of extensive testing and verification followed. Following this successful and comprehensive regime, Jürgen Widler, Head of Technology at CONICA AG, was able to officially present the new "High Performance" flooring system, CONIPUR Vmax, at the FSB leisure and sports fair in Cologne.

"Our target was to produce a biomechanically measurable, faster competition track for the high-performance segment," reports Mr. Widler. "The development took place in close cooperation with the German Sport University Cologne. In particular Prof. Dr. Gert-Peter Brüggemann and Dr. Steffen Willwacher made a significant contribution to the success of the project. The test values achieved during the development were finally verified by carrying out intensive test runs, divided into the several phases such



Picture: Conica

CONIPUR Vmax is the latest sports flooring system from CONICA AG.

as start, acceleration, etc., under real conditions with the help of decathlon vice world champion Rico Freimuth.

The results speak for themselves: CONIPUR Vmax offers the foundation for faster times, allows for an improved athlete force transmission, absorbs less energy, reduces stress on the joints and ensures greater stability. In summary, it means: faster times with less biomechanical impact.

Another important feature is: Due to the 2-layer construction, the installation time is reduced, which also has a positive impact

on installation costs. The usual longevity of CONICA athletic tracks, regardless of location and climate in maintained and "total cost of ownership" requirements have been taken into account when finalizing the specification and installation process.

With this high performance flooring system, CONICA AG offers all users and owners a future-oriented system, which stands for progress, high performance and success. CONIPUR Vmax has been available since 2018 and various major projects are in the planning stage. ♦

## Quality standards



CONICA Track systems have been tested to the requirements of the IAAF and various international standards



Biomechanical measurements - Deutsche Sporthochschule Köln



Testing Frost Resistance acc. EN 772-18:2011-07

## Speed, Safety and Stability

**SPEED** The force-stabilising top layer ensures fast and controlled forward movement of the athlete. The reduced energy requirement in the start and sprint phases enables the sprinter to achieve maximum running performance all the way to the finish line. The defined air cells embedded in the base layer enables the athlete to expend less energy to deliver the same performance.

**SAFETY.** The track is characterised by an excellent structural integrity with low deformation, which gives the athlete optimal and stable running safety.

**STABILITY.** The exceptionally high mechanical properties of the top layer ensure maximum resilience and durability of the athletic track. It is suitable for multifunctional applications and events.

**CONICA**  
SWISS SURFACING SOLUTIONS

### CONICA AG

Industriestrasse 26  
CH - 8207 Schaffhausen

Phone: +41 (0) 52 644 36 00  
Fax: +41 (0) 52 644 36 99

Email: info@conica.com  
Web: www.conica.com