

# MONDO



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**Torino**  
Juventus  
Training Center

**Helsinki**  
Olympiastadion

**Nanjing**  
Nanjing National  
Stadium

New  
**Training  
Centers**  
of 'Serie A'



Artificial Turf as the new norm:  
The New Training Centers of 'Serie A'

# Juventus Training Center

The Juventus sport center located in the cities of Vinovo and Nichelino (about 12 km from Turin) will host all Juventus football teams from the Premier League to junior divisions (15 divisions from junior up to the Premier League).

The sport center has been designed for three main facilities on a surface of 138.000 sqm., including the training center, ancillary areas, nine football pitches (including two artificial turf pitches, one of which covered), press rooms, media hospitality and a multipurpose center.

*Spazio Mondo has interviewed the architects Mr. Alessando Valenti and Gino Zavarella from "Studio Gau", who have developed and realised this prestigious project:*

**"How was this idea originated and which are the needs?"**

The idea came from Juventus itself. Historically speaking Juventus has never had its own training center. As such, the idea is motivated by a strong, specific and real need, a need common to any football club.

We have not been inspired from any existing sport center, although we have visited several training centers both in Italy and abroad. As architects specialised in sport facilities we believe that English and German sport centers are for sure the most innovative ones.

**Were there any technical or administrative restrictions? If so, which kind of problems did you encounter?**

It would not have been possible to design the project with some restrictions of this kind and indeed we did not face any technical and/or administrative restrictions, even if we had to comply with all urban regulations. In terms of urban design, the project is based on the transformation of an old sport center, previously used as gallop, into a football pitch facility (indeed the centre was a racetrack for horse racing) therefore the feasibility of the project has never been questioned.

We have been supported by the whole Juventus staff and in particular by the technicians, who have given us directions based on the real needs of the club and the staff.



*The facilities close to the football areas include a commercial center of 82.000 mq.*

**SURFACES**

<b>Turf:</b> Mondoturf Ecofill Star	<b>Common Areas (rubber):</b> Punti 4 mm Futura 4 mm Tono 4 mm Sportflex	<b>Common Areas (wood):</b> List One
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*As official supplier of the Juventus football club Mondo has been chosen for this prestigious project.*



**Which are the technologies employed in terms of products installed in the center?**

In terms of design the architecture of the center can be defined as clean, essential, "easy to read" and functional. All facilities feature brickwork and sheet titanium zinc which create a play between new and traditional design.

The center can be defined as a "Juventus laboratory" for the training of football players and as such it is expected to provided the best conditions for training.

As regards the technologies used, we are envisaging a particularly modern heating and air treatment system.

The center will include sports medicine and physical therapy areas equipped with consulting rooms as well as rooms for laser therapy and hydrotherapy.

Particular attention will be devoted to these areas and to the ancillary areas which we have designed with a view to ensuring the best health protection. We point out the fact that we have achieved the highest degree of hygienization from both the technical and the design point of view, creating different pathways for clean and dirty shoes respectively.

*"About the sport aspects, the innovation is definitively related to the decision to have synthetic turf."*

Technically speaking, it is exactly for this reasons that Mondo floorings have been chosen. In fact, the Mondo floorings which will be installed in the center are very similar to those used in the health field. Mondo flooring are as such bacteriostatic and antimicrobial, they are not porous, but waterproof and hygienic.

Besides, rubber wall covering "Murale" will also be used. This covering can be disinfected easily because it is perfectly linked to the flooring through a joint.

From the point of view of sport, the choice has been certainly linked to the artificial turf concept.

*Continued next page*

## Artificial Turf as the new norm: Juventus Training Center

“There are 4 main reasons for choosing artificial turf:

- Our willingness to test new and innovative fields
- The need to comply with new regulations
- To let players get used to these fields
- In case of impossibility to use natural turf pitches.”



### Is the artificial lake for watering the facilities your own creation?

The decision to use an artificial lake was imperative. Indeed, it is a functional water reserve for watering and collecting the drainage water from the pitches. Therefore, the lake represents a 600 000 l water dock which is necessary to water all football pitches and to contain any damage deriving from climate disasters such as floods.

### How will the cities of Vinovo and Nichelino benefit from this project?

The Juventus sport center will play a significant role in the communication between Juventus club and the city of Turin which will attract many visitors and fans.”

For the turf football pitches the system Mondoturf – Ecofill Star will be used. The last generation turf is the first system providing the same characteristics of natural turf thanks to a patented infill material able to reproduce the features of natural soil. Indeed, the Ecofill infill is a granule having characteristics similar to natural soil, with granulometry, compactness and elasticity ensuring excellent performances.

Thanks to the synergy between Ecofill and the NSF® polyethylene fibre of the turf, Mondoturf surfaces ensure long-durability, low maintenance costs and the possibility to play on the field under those weather conditions which would make it impossible to use a traditional pitch (rain, froze etc.).

As regards common areas, Mondo will provide 4 mm rubber floorings having thermal-insulation and elastic properties and featuring wear and traffic resistance, excellent thermal and acoustic insulation and high environmental-friendliness.

Besides, in order to make areas such as receptions and waiting rooms even more comfortable, the List One flooring will be used, which combines high resilience and the natural feeling of real wood.



**THE BENEFITS INCLUDE**  
 Bigger dimensional memory  
 Great damping power  
 Equilibrate Dtx  
 New UVA additive

## About Artificial Turf: Monofeel

The new product Mondoturf NSF filled with Ecofill – Monofeel become a reference product within the market. Its resistance to usage and to extreme climatic conditions, the improved ball rebound properties, the better ball rolling and direction, as well as its natural environmental integration are the reason why we can talk about the last generation product for artificial turf.

The first fields where this product has been installed and where it can be tested are, among others, the first 5 fields installed during this year in Palma de Mallorca.

Monofeel is the new product Mondoturf NSF featuring a new model of fibre and a new molecular orientation of the polyethylene that make its properties similar to the monofilament product but with the fibre advantage.

### ECOFILL

The heart of the Mondoturf system is Ecofill, a rubber granule designed in a specific form for football. Mondo created a thermostatic rubber granule, easy to recycle that improves the link between shock absorption, field levelling, and the players' energy return. It grants an high cleaned surface (total absence of dust), a uniform colour and a perfect shock absorption.



The Helsinki Olympic Stadium, (Finnish: "Olympiastadion") located in the Tooloo district about 2 km from the center of the Finnish capital Helsinki, is the largest stadium in the country, nowadays mainly used for hosting sports events and big concerts.



The stadium is best known for being the center of activities in the 1952 Summer Olympics. It was built however to host the 1940 Summer Olympics, which were moved from Tokyo to Helsinki before being cancelled due to World War II.

The stadium was also the venue for the first IAAF World Championships in Athletics World Athletics Championships in 1983 as well as for the 2005 World Championships in Athletics.

# Helsinki



The building of the Olympic Stadium began in 1934 and it was completed in 1938. The stadium was completely modernized in 1990 - 1994 and also renovated just before the 2005 World Championships in Athletics. During this last renovation Mondo was chosen for the supply of the fast track Sportflex Super X, while another change was the decision to cover the tribune. Its spectator capacity was at its maximum during the 1952 Summer Olympics with over 70,000 spectator places. Nowadays the stadium has 40,000 spectator places.

The tower of the stadium, a distinct landmark with a height of 72 m, is open for visitors and offers impressive views over Helsinki.

## 10<sup>th</sup> IAAF World Championships in Athletics



For this international event, the Olympiastadion Foundation has decided to renovate the athletics tracks and warm up areas by using Mondo Sportflex Super X, a revolutionary floor covering which has allowed to improve the performances of thousands of athletes. Despite the bad weather conditions which accompanied the World Championships for most of the time, the results on the track were excellent; 2 World Records have been broken on Mondo surfaces!

### Two World Records broken

Pole vault	5,01 m	Elena Isinbayeva	RUS
Javelin	71,7 m	Osleidys Menendez	CUB



**SURFACE**  
 Track:  
 Sportflex Super X

The Nanjing Olympic Sports Center, in Jiangsu province, China, will be the main stadium for the 10th National Games in 2005 and is to become the largest sports architectural complex - with the most comprehensive functions - before Beijing hosts the 2008 Olympic Games.

The Olympic center greeted its official opening day on Tuesday, July 12, 2005.

Occupying a total of 89.6 hectares of land, with 400,000 squares meters of floor area, the Nanjing Olympic Sports Center will feature a main stadium, gymnasium, swimming stadium, tennis center, media center, and auxiliary projects, such as communications, engineering, and energy centers.

## National Games of the People's Republic of China at



# Nanjing



*"The Nanjing Olympic Center Engineer Construction Headquarters have chosen the special Mondo surface called Sportflex Super X system for the track of main Stadium; also all the facilities within the Stadium, such as the Gymnasiums, the Swimming and the Tennis Centers and the public areas were supplied with Mondo Contract Floorings."*

The designers of this state-of-the-art facility, HOK Sport + Venue + Event, the world's leading public assembly design firm, sought to create an exceptional facility worthy of being at the center of the world stage.

HOK Sport + Venue + Event is an internationally renowned architectural practice devoted to creating exceptional public assembly facility. Their portfolio is diverse and comprehensive, and includes projects for nearly all sports at every level.

#### SURFACES

Outdoor track:  
Sportflex Super X  
Indoor track:  
Sporttrack

Handball Fields:  
Mondoflex  
Gymnasiums:  
Mondoflex

Common Areas (rubber):  
Alba, Futura, Bollo Extra  
Wall Coverings:  
Murale  
Steps:  
Mondostep

Common Areas (vinyl):  
Omega



# XVII Women's Championships



### HANDBALL

## World

5.12.2005 - 18.12.2005  
St Petersburg, Russia

As for the Men's World Championship held in Tunisia last January and the 1st Men's Youth Handball World Championship held in Qatar last August, Mondo is proud to be Official Supplier of the XVII Women's World Championship in St. Petersburg.

This important event will be hosted in 3 different arenas: the **New Ice Palace**, a huge multifunctional complex which provides the possibility to hold sport competitions of a professional level, the **Sports-concert complex Peterburgsky**, one of the largest covered constructions in Europe, and finally the **"Yubilenyny" palace of Sports**, the sportlife leading center of the city. On this occasion Mondo will supply four playing fields, two with its Mondoflex 6 mm special system and two with Mondosport 6,7 mm.

### BASKETBALL

## A WORLDWIDE PRESENCE!



In the last years Mondo has been a close collaborator of FIBA and FIBA Study Center with a primary focus and emphasis on improving the quality and the safety of the facilities. All Mondo products have been tested and certified. The list of the FIBA approved range is the following:

- Permanent and portable wood floorings
- Fixed and tip-up seatings systems
- Synthetic floorings
- Backstop units
- Scoreboards
- Shot Clock Devices

Mondo has supplied its products for many prestigious sport events, such as European Championships, World Championships and Olympic Games.

## OUR PRESENCE

### FAIRS

**FSB**  
Köln - Germany  
26 - 28 October  
Booth # M 008/ N009  
P008/ S073

### SPORT EVENTS

**Fiba Eurobasket**  
Belgrado - Serbia  
16.09.2005 - 25.10.2005

**Nanjing National Games**  
Nanjing - China  
12.10.2005 - 23.10.2005

**East Asian Games**  
Macau - China  
29.10.2005 - 6.11.2005

**IHF XVII Women's World Championship**  
St. Petersburg - Russia  
5.12.2005 - 18.12.2005

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### TRACK & FIELD



## FIRST CLASS I TRACK IN THE U.S.A.

In 1999, Mondo installed the first class I track worldwide at the Estadio Olimpico de Sevilla.

Inaugurated in 2005, Icahn

Stadium is the first in the U.S.A. to earn the status of IAAF Class I Track Certification, which gives it the designation of a fully accredited international facility.

**This prestigious Stadium won a Merit Award at the New York Construction Best of 2004.**

### COMMERCIAL SURFACES

## NEW COLORS

Based on the predictions of the Color Marketing Group. Exciting, easy to mix and match, fresh, vibrant color range, for all our commercial product lines.

## NEW SURFACE



*Created to match Unito color range*

**Textured surface**

**with tone-on-tone flecks.**

13 colors Thicknesses:

2 mm 3 mm 4 mm