



European Installation

In the run-up to the 2008 European Football Championship, the renowned Austrian sports training centre in Lindabrunn has modernised and completely restyled

by Stefan Schallerbauer, Mapei GmbH (Austria)

30 km south of the country capital Vienna, in the north-east of Austria, there is one of the most modern sports centres in the whole of Europe: the famous Lindabrunn School. Opened in 1976, this centre has become one of the most renowned training centres at a national and international level. During its 30 years of activity, the complex has been continuously restored and extended.

When the 2008 European Football Championship were awarded to Austria and Switzerland in 2002, it was necessary to further extend the structure to make it suitable to pay host to this exceptional event.

Once the extensive upgrading and enlargement projects of a number of the areas were completed (and especially the areas dedicated to sporting activities), the Lindabrunn Centre officially applied as a candidate sport venue to host the UEFA European Football Championship.

The first two phases of the project involved extending the living quarters, redesigning the areas for relaxing and

the construction of a modern football pitch in synthetic grass. The final phase of the work was to extend the kitchen and to restyle the areas which host spectators. All the phases were completed by the end of 2007, so the Centre could carry out final preparation work for the European Championship. The amount of money invested to renew the Lindabrunn sports centre, once the

works had been completed, amounted to 6.15 million Euro.

Products for any Need, Solutions for any Problem

Mapei also contributed to this project, and supplied a number of products for the extension and restyling work of the central building, the wellness area, the bathrooms and showers. In





the showers, for example, more than 6,000 m² of ceramic and mosaic tiles were laid.

Company Appel di Vittis were awarded the laying operations in the three structures, called "Europa", "Lower Austria" and Lindabrunn", fitted out to house guests with a total of 55 double rooms and 19 single rooms with a bathroom or shower, as well as in the central building, the wellness area, the restaurant and in all the service rooms.

In these areas, the walls are in plasterboard, lime and cementitious render and levelled structural panels. The floors were made mainly of cementitious screeds, while in a few areas the coverings were laid directly on the old floors.

During the first phase of the work, and before laying the floors, the surfaces were treated with PRIMER G* synthetic resin-based primer in water dispersion, and in the case of non-absorbent substrates (that is, when laying directly on the old floors), with MAPEPRIM 1K* solvent-free one-component primer. In the showers and the toilets, surfaces subject to splashes of water were waterproofed using MAPELASTIC* cementitious mortar.

The various types of tiles and mosaic were laid using KERAFLEX S1* (a product distributed in Austria by the local subsidiary of the Mapei Group) or ADESILEX P9* adhesives for ceramics. To grout the tile joints on the laid surfaces, KERACOLOR FF* cementitious grout was chosen because of the wide range of colours available, its high workability and its water repellent properties thanks to the product's DropEffect® technology.

In the restaurant area, which had a floor full of cracks, the MAPETEX SYSTEM* removable installation system was used.

The MAPETEX* non-woven fabric was bonded to the substrate using the





KERAQUICK*+LATEX PLUS system, applied using a 3 mm notched trowel. The ceramic covering, on the other hand, was laid on the fabric using KERAFLEX S1*. After the priming treatment with PRIMER G*, all the substrates which had irregular surfaces were levelled off with ULTRAPLAN MAXI* self-levelling smoothing compound, applied at various thicknesses according to the Austrian national ÖNORM-DIN 18202 standards.

Thanks to the wide range of products and the wide variety of solutions offered by Mapei, this modernisation project was concluded without a hitch.

Mapei, which is always involved when-

ever sport is there, again left a mark destined to last for a long time. Even if all special events, including the European Football Championship, end in a few days or weeks, the structures hosting them will stay for good. They will remind people of the sport matches and, at the same time, prove the effectiveness of the Mapei products ensuring that this modern sport centre will continue hosting large publics in the future.

This article was taken from issue n. 6 of "Realta Mapei", the in-house magazine published by Mapei's Austrian, German and Swiss subsidiaries which we would like to thank.

***Mapei Products:** the products mentioned in this article belong to the "Products for Ceramic Tiles and Stone Materials" range.

The technical data sheets are available on the "Mapei Global Infonet" DVD or at the web site: www.mapei.com.

Mapei's adhesives and grouts conform to EN 12004, EN 12002 and EN 13888 standards.

Adesilex P9 (C2TE): high-performance cementitious adhesive with no vertical slip and extended open time for ceramic tiles.

Keracolor FF (CG2): high-performance cementitious grout, polymer modified, water-repellent with DropEffect®, for joints up to 6 mm.

Keraflex S1 (C2TE, S1): improved, deformable adhesive for installing ceramic tiles and stone material on floors and walls. N.B. This product is distributed in Austria by the local subsidiary of the Mapei Group.

Keraquick (C2FT, S1): high-performance, deformable, rapid setting cementitious adhesive with no vertical slip for ceramic tiles and stone material.

Latex Plus: latex admixture inducing elasticity to be mixed with Keraquick.

Mapelastix: two-component, flexible cementitious mortar for waterproofing concrete, balconies, terraces, bathrooms and swimming pools.

Mapeprim 1K: one-component solvent-free primer.

Mapetex System: completely removable installation system for ceramic tiles and stone material. Can also be used as an anti-fracture and removable membrane.

Primer G: synthetic resin based primer in water dispersion.

Ultraplan Maxi: ultra-fast hardening self-levelling smoothing compound for thicknesses from 3 to 30 mm.



TECHNICAL DATA

Traningszentrum Lindabrunn,
Lindabrunn (Austria)

Work: laying ceramic tiles and mosaics

Year of Construction: 1976

Year of the Works: 2004-2007

Customer: Niederösterreichischer
Fußballverband, St. Pölten (Austria)

Project: Architekturbüro Sadilek, Gmünd
(Austria)

Work Management: Knap Ernst of Appel
Ges.m.b.H., Vittis (Austria)

Installation Company: Appel Ges.m.b.H.

Mapei Co-ordinators: Gerhard Praunias
and Ing. Stefan Schallerbauer, Mapei
GmbH (Austria)