

FIFA WORLD FOOTBALL MUSEUM IN ZÜRICH

ECO-SUSTAINABLE
SOLUTIONS
FOR INSTALLING
WOODEN FLOORS
IN THE TEMPLE OF
FOOTBALL



The FIFA World Football Museum in Zürich (Switzerland) celebrates the rich heritage of football and shows how the game continues to connect and inspire the world. It also tells the story of how the world football governing body has developed association football globally and made it the undisputed number one sport in the world.

The museum collects, exhibits and preserves significant artefacts, documents and photographs of international football and its governing body. The existing collection has over 1000 exhibits, including memorabilia, texts, and pictures from the FIFA archives.

Pride of place in the FIFA World Football Museum is the FIFA World Cup Gallery. A must-see for all fans, the gallery is dedicated to the history of football's ultimate prize and hosts an

incredible collection in a stunning architectural setting where the jewel of the exhibition – the FIFA World Cup Trophy – is on display.

With a multitude of attractions, audiovisual experiences and thought-provoking exhibitions, the FIFA World Football Museum shows the impact football has had on society, and how it still is a source of inspiration for fans across the globe.

NEW LIFE FOR AN OLD BUILDING

FIFA looked for a suitable building to host the museum for several years. In 2013 FIFA signed a 40-year lease with Swiss Life to rent the Haus zur Enge building on Tessinerplatz in the centre of Zürich. The renovation of the building and the construction of the museum began on 25th April, 2013 and were completed on 18th December, 2015.

Originally an office building, Haus zur Enge was designed by the well-known Zürich architect Werner Stücheli between 1974 and 1978. When plans to convert it into the FIFA World Football Museum were approved, architects from the SAM Architekten und Partner AG studio stripped it back to its shell and rebuilt it, extending it upwards. Through the new structure of the facade, the building was adapted to the landscape and the style of both the city and the surrounding area. Today, the museum has three floors of exhibition space. There also are a street-level sports bar, a bistro, a café, a museum shop and conference rooms on the second floor. There are apartments and offices on the third to seventh floors, and pent-



IN THESE PAGES. The FIFA World Football Museum in Zürich celebrates the world football and FIFA's member associations. Visitors can find their national team's shirt showcased right in the middle of the ground floor.



PROJECTS INSTALLATION OF WOODEN FLOORINGS



IN THESE PAGES. All the different kinds of wooden floors in the museum were installed with ULTRABOND ECO S968 1K.

house apartments on the eighth and ninth floors. Sustainability was an important guideline for the renovation and reconstruction of the building, the interior fittings and the façade. The newest energy saving technologies were implemented: for example, a water pipe connects the building to the lake of Zürich and the lake water is used as an energy source to heat the building in winter and cool it in summer.

HIGH SUSTAINABILITY FOR THE WOODEN FLOORS

The wooden floorings in the museum had to meet the highest requirements concerning the choice of material, the installation methods and the tight schedule of the works. The company GDM Parkette was appointed the installation of different kinds of wooden floors in several areas.

45 m² of bespoke three-layered, engineered, 22 mm thick, smoked and brushed oak floors with the pattern of a hexagonal football honeycomb were chosen for the bistro.

In the seminar rooms and restaurant, 180 m² of three-layer, 22 mm thick, white oak coverings without knots and saps in an oyster grey/beige shade were installed on the floors for the entire length of the room. Additionally, 150 m² of three-layer, 22 mm thick, white oak coverings without knots and saps were installed in English pattern.

In the exclusive flats, a wooden floor made in French oak was installed on 1,500 m². The surfaces were brushed lightly, oiled and limed.

In the museum areas, a customized wooden flooring was installed on 50 stair steps equipped with LED and glass fibre technology.

Mapei Suisse SA, the Group's Swiss subsidiary, helped the owner and the contractors by providing continuous technical assistance both in the design phase and on the construction site. The company proposed the use of quick-setting products with very low emission level of volatile organic compounds (VOC), which helped to meet the schedule of renovation works and the owner's requirements.

To install all the above-mentioned types of wooden floorings the adhesive chosen was ULTRABOND ECO S968 1K one-component, silylated, solvent-free, polymer-based adhesive. Due to its extended workability time, low VOC emission level, easiness of application and excellent rib stability, this product is ideal for bonding all types and formats of pre-finished and solid wooden flooring on any type of substrate, including heated screeds.

Before bonding the wooden covering, the floor substrates were treated with several Mapei solutions. ECO PRIM PU 1K TURBO one-component, solvent-free, rapid-drying polyurethane primer with a very low emission level of VOC, to provide an anti-dust treatment for dry screeds with a crumbly surface before the installation of inspection floorings.

ECO PRIM T ready-to-use primer with a very low emission level of VOC was used on some sections of the substrates to promote adhesion, before applying PLANIPATCH fine-grained, ultra quick-drying, thixotropic cementitious compound for smoothing the surfaces.

This successful application of Mapei solutions once again proved that the Group is always ready to support sport in its most important locations.

TECHNICAL DATA

FIFA World Football Museum, Zürich (Switzerland)

Period of construction: 1974-1978

Period of renovation: 2014-2016

Client: HRS Real Estate AG

Design: SAM Architekten und Partner AG

Period of the Mapei intervention: 2015-2016

Intervention by Mapei: supplying technical assistance and products for substrate preparation and installation of wooden floorings

Owner: Swiss Life (Schweiz) AG

Wooden floor suppliers: m parkett AG; Holzpunkt AG

Wooden floor installer: GDM Parkette

Mapei distributor: Nydegger AG

Mapei coordinator: Jens Stenzel, Mapei Suisse SA (Switzerland)

MAPEI PRODUCTS

Substrate preparation: Eco Prim T, Planipatch, Eco Prim PU 1K Turbo

Installation of wooden floors: Ultrabond Eco S968 1K

For further information on products visit www.mapei.com and www.mapei.ch

IN THE SPOTLIGHT

ECO PRIM PU 1K

It is a one-component polyurethane primer used for surface consolidation and dust-repelling treatment on cementitious, anhydrite and heated substrates, as well as for waterproofing cementitious screeds with a residual humidity content higher than the level recommended for laying parquet. ECO PRIM PU 1K TURBO is characterised by its short set to light foot traffic period, so that parquet may be laid after a very short time. It is solvent-free, odourless and has very low emission level of volatile organic compounds (**EMICODE EC1 R Plus**).

