



HOTEL GRAND FERDINAND IN VIENNA

A NEW LUXURY HOTEL IN THE HISTORICAL CENTRE OF THE CAPITAL OF AUSTRIA COMBINES BOTH TRADITIONAL AND MODERN FEATURES



The Grand Ferdinand Hotel-Viennese Elegance Reloaded, which opened in autumn 2015 and is situated along the 19th century ring-road around Vienna city centre, is just a few minutes' walk from the city park Stadtpark and the Opera House. This 1950s building was once the home of the General Court of the Constitution and any work carried out on its façade had to be approved by the office for the conservation of historical buildings. The client, Florian Weitzer, a well-known Austrian hotelier, invested 27 million Euros to convert the management building into a five-star boutique hotel furnished in the distinctive Viennese cosmopolitan style. Its advertising slogan is a rather old-fashioned type of Austrian greeting, "Küss die Hand, gnädige Frau" ("I kiss your hand, gracious lady"), which has been turned into "Küss die Hand, Grand Ferdinand – new elegance along the ring-road".

The hotel, which opened in October 2015, has 188 guest rooms, an internal garden, a spacious fitness centre, an attic with an infinity pool, and the Grand Etage Saloon, one of the hotel's three restaurants with a striking view across downtown Vienna. The interiors are reminiscent of elegant Viennese homes back in the early 20th century - this has been brought out by incorporating Thonet chairs and tables in the restaurant

facilities - playing on the neutral shades of white and charcoal grey, complete with large chandeliers made of Murano glass and wooden floors.

HOSPITALITY WORK

The Grand Ferdinand Hotel stands out for its high-quality finishes, luxury settings and great attention to the comfort of its guests. The client and designer were looking for highly eco-sustainable products capable of meeting deadlines, lasting through time and offering excellent performance ratings. Mapei Technical Services team recommended a number of systems and products that pleased both the contractor and client.

The installation company prepared the substrates and installed approximately 4000 m² of oak wooden floors in the hotel rooms, fitness facility, suites and attic - some featuring special colours - all using Mapei products.

First of all a bonded screed was created – to make the substrate as smooth and even as possible before installation – using TOPCEM PRONTO, a ready-to-use, normal-setting, controlled-shrinkage mortar for quick-drying (4 days) screeds. PRIMER SN two-component fillerized epoxy primer and – in certain areas - ECO PRIM PU 1K TURBO moisture curing, rapid-drying polyurethane primer with low emission level of volatile organic compounds (VOCs) were then applied on the substrates to consolidate them and promote the adhesion of the following layers.

NIVORAPID ultra fast-setting, thixotropic, cementitious levelling compound with very low emissions of VOC was then applied on the surfaces to make them as smooth and even as possible before installing the wooden floors. In certain parts of the hotel smoothing operations were carried out using ULTRAPLAN QUICK TRAFFIC (manufactured and distributed on the local market by Mapei Austria GmbH) and ULTRAPLAN MAXI ultra fast-drying, self-levelling, smoothing compound, on which floor coverings can be installed just 24 hours after application.

Various different adhesives, such as ULTRABOND P990 1K one-component, ready-to-use, solvent-free, elastic polyu-



The rooftop of the hotel hosts a swimming pool and a restaurant.





rethane adhesive with very low emission level of VOC, were used to install the wooden floor so as to obtain good and lasting results. ULTRABOND P902 2K two-component, epoxy-polyurethane adhesive, which can harden in approximately 24 hours at room temperature to form a strong film with high bonding strength to all types of substrates, and ULTRABOND ECO S948 1K one-component, solvent-free, silylated polymer-based adhesive with very low emission level of VOC, were also used. It was recommended using SILWOOD acrylic sealant (in the same colour as the wood installed) to seal the perimeter joints of the wooden floors.

The Mapei Technical Services team also recommended creating an unbonding layer between the covering and substrate using MAPETEX VLIES antifracture decoupling system (manu-

factured and distributed on the Austrian market by Mapei Austria). The substrates of the outside terrace were smoothed using PLANITOP FAST 330 quick-setting, fibre-reinforced cementitious levelling mortar.

Other Mapei products used in the hotel were IDROSILEX PRONTO, an osmotic cementitious mortar suitable for contact with drinking water (the product has now been superseded by PLANISEAL 88) for waterproofing and repairing the walls, MAPEFLEX AC4 one-component, paintable, water-based acrylic sealant, MAPESIL LM neutral mould-resistant silicone sealant, and MAPECRETE STAIN PROTECTION hydro-oil repellent and anti-stain treatment for concrete, natural stone and cementitious surfaces made from modified organic polymers in watery solution.

TECHNICAL DATA

Grand Ferdinand Hotel,
Vienna (Austria)

Period of Construction:
2014-2015

Year of the Mapei

Intervention: 2015

Intervention by Mapei:

supplying products for building the screeds, preparing and smoothing the substrates, installing the wooden floors and sealing the joints

Works Direction: Romina

Kamper

Design: Atelier Heiss ZT GmbH

Client: Weitzer Hotels
BetriebsgesmbH

Wooden Floor Installation

Contractor: Parketthaus
Kamper&Kamper GmbH

Mapei Co-ordinators:

Reinhold Stinzl, Christian
Sabitzer and Paul Solczykiewicz,
Mapei Austria GmbH

MAPEI PRODUCTS

Preparing the substrates:

Eco Prim 1K Turbo, Idrosilex Pronto (lately superseded by PLANISEAL 88), Mapecrete Stain Protection, Mapetex Vlies*, Nivorapid, Planitop Fast 330, Primer SN, Topcem Pronto, Ultraplan Maxi, Ultraplan Quick Traffic*

Installation of wooden floors:

Ultrabond Eco S948 1K, Ultrabond P902 2K, Ultrabond

P990 1K

Sealing joints: Mapeflex AC4, Mapesil LM, Silwood

*These products are manufactured and distributed on the Austrian market by Mapei Austria GmbH

**For further information see the websites www.mapei.com and www.mapei.at



LEFT. The wooden floors were installed using either ULTRABOND P990 1K or ULTRABOND P902 2K, or else ULTRABOND ECO S948 1K after building screeds with TOPCEM PRONTO.

BELOW. One of the three hotel restaurants after all the works had been completed.

IN THE SPOTLIGHT

ULTRABOND P990 1K

It is a ready-to-use, moisture curing, resin-based, one-component, polyurethane adhesive. ULTRABOND P990 1K is used for bonding all size and formats of jointed, pre-finished solid wood parquet with a ply backing. It is suitable for floor-layers allergic to epoxy-polyurethane products. It features 30% higher yield compared with conventional two component products, as well as excellent rib stability and buttering on the back of the covering. It can contribute up to **5 points** to obtain the **LEED** certification.

