



Bari (Italy)

FIERA DEL LEVANTE COVID HOSPITAL

“FAST-TRACK” INSTALLATION SYSTEMS ADOPTED TO CREATE THREE PAVILIONS WITH 152 INTENSIVE CARE BEDS IN IN JUST 45 DAYS



Built in record time – work started on December 1st and was completed after 45 days at the Fiera del Levante exhibition centre – the new Policlinico di Bari Hospital will be directly responsible for the running of the new structure’s intensive care and post-intensive care units. Apart from Mapei, more than 40 other companies took part in the work to prepare 10 wards over an area of around 15,000 m², along with 2 operating theatres, a TAC and x-ray centre and a clinical laboratory. The hospital hosts 10 intensive care units with 16 beds each, which will be taken apart and used again once the emergency is over. The first patients were transferred at the beginning of February and the Covid centre was put into service.

IN THESE PAGES. PVC floors were installed in several areas of the hospitals using Mapei adhesives such as MAPECONTACT, ULTRABOND ECO FIX and ULTRABOND ECO V4 EVOLUTION. Interior walls were coated with MAPECOAT ACT 196 enamel.



Ultra-rapid installation and durability over the years

The floor and wall coverings installed in the new hospital were all supplied by Tarkett: Tapiflex Genius multi-layered vinyl floor for most of the surfaces, Primo SD static-dissipative vinyl floor in the operating theatres, Primo Safe T homogeneous vinyl floor in the bathrooms, as well as Wall-guard homogenous vinyl covering and Aquarelle heterogeneous vinyl covering for the walls. Amongst the adhesives recommended to install these coverings, the main ones were ULTRABOND ECO V4 EVOLUTION universal adhesive in water dispersion, ULTRABOND ECO FIX pressure sensitive adhesive and MAPECONTACT double-sided reinforced adhesive strip.

Resin floors and coatings

The forecourt used as a waiting area for ambulances with an old industrial-type concrete floor substrate with no vapour barrier was mechan-

ically prepared by diamond grinding treatment over the MAPEFLOOR SYSTEM S1, an opaque, multi-layered, vapour-permeable epoxy coating system in water dispersion. The product chosen to finish off the walls in the new hospital was MAPECOAT ACT 196, an enamel paint for interior walls, highly washable and resistant to bacterial attack, containing protective, wide spectrum biological agents to contrast the spread of bacteria on surfaces. Because different types of surface needed to be painted, they had to be treated beforehand with DURSILITE BASE COAT coloured smooth acrylic base coat to even out their absorption and form a more uniform layer.

Installing ceramic tiles

120x60x1 cm ceramic tiles were installed in the administration-managerial area on the first floor of the complex.

The ceramic tiles were bonded using KERAFLEX EXTRA S1 cementitious

adhesive, while the joints were grouted with ULTRACOLOR PLUS mortar and the expansion joints were sealed with MAPESIL AC. It was an extremely intricate project”, so the Site Director Mr. Festa added, “cutting-edge products were chosen for this building project so that such an important work could be completed on a very tight schedule.”

MAPECOAT ACT 196

Semi-gloss enamel for interior walls, suitable for use in healthcare facilities.

FIND OUT MORE



TECHNICAL DATA

Covid hospital at Fiera del Levante, Bari (Italy)

Period of construction: December 2020 – January 2021

Period of Mapei intervention: December 2020 – January 2021

Intervention by Mapei: supplying products to install PVC floors, bonding ceramic tiles and coating walls

Owner: Apulia Regional Government

Main contractors: A.T.I.–Cobar S.p.A. and Item Oxygen Srl

Project manager: Antonio Mercurio

Feasibility survey: Michele Carella, Antonio Mercurio

Executive design: Studio Magnanimo Ingegneri Associati Srl, Mirizzi Architetti Associati

Safety coordinator: Pierpaolo Ruggiero

Works direction: Antonio Mercurio, Michele Carella

Technical site direction: Domenico Barozzi

Operational site direction: Giuseppe Festa, Pietro Manfredi,

Michele Pisculli

Installation companies: Emmepi Srl, Syr Pavimenti srl, Pavimenti Italia srls, Edilteco Group srl, Loconsole Pavimentazione & Rivestimenti

Mapei coordinators: Achille Carcagni, Luca Carcagni, Alessandro Coscia, Michelangelo Occhiogrosso, Michele Cannarile, Gianni Villani, Angelo Coco, and Sebastiano Panebianco, Mapei SpA (Italy)

MAPEI PRODUCTS

Installing PVC floors: Ultrabond Eco V4 Evolution, Ultrabond Eco Fix, Mapecontact
Wall coatings: Dursilite Base Coat, Mapecoat ACT 196
Resin floors: Mapefloor I 500 W, Mapecolor Paste, Quartz 0.5, Mapefloor Finish 52 W
Concrete repair: Mapegrout Thixotropic
Installing ceramic tiles: Keraflex Extra S1, Ultracolor Plus, Mapesil AC

For info on products: mapei.com