

Monza (Italy)

## SAN GERARDO HOSPITAL

PRODUCTS THAT RESPECT THE ENVIRONMENT AND PEOPLE'S HEALTH TO INSTALL RESILIENT FLOOR AND WALL COVERINGS



**1.** The floor substrates were levelled with ULTRAPLAN ECO before bonding rubber coverings thereupon.  
**2.** Rubber floors were installed with ULTRABOND ECO VS90 PLUS water-dispersion adhesive.

**Ongoing work**

The central block of the hospital is currently being renovated. In this area resilient coverings are again installed on floors and walls with Mapei products. The substrates are again being prepared by using EPORIP to seal cracks, PLANIPATCH+LATEX PLUS for repairing, levelling and smoothing, NIVORAPID for minor repairs, and ULTRAPLAN ECO for levelling the surfaces.

Esapalette heterogeneous vinyl floorings by Liuni were bonded with ULTRABOND ECO V4 SP. Coves were again bonded with ULTRABOND ECO FAST TRACK.

"Suwide" PVC wall coverings by Liuni are being installed with ADESILEX MT32. "Murale" coverings by Liuni were, on the other hand, bonded with ULTRABOND ECO V4SP.

Situated in Northern Italy, the San Gerardo Hospital in Monza is the fourth largest public hospital in the Lombardy Region. It is connected to the Faculty of Medicine and Surgery of the Bicocca University of Milan.

Its Reception Centre is the new forepart of the San Gerardo Hospital in Monza: a four-story building (with a further two floors below ground level) with a total area of 25,000 m<sup>2</sup> of floor, almost entirely covered with the latest generation of PVC, vinyl and rubber coverings installed using the most innovative Mapei products for this type of coverings.

The hospital has 83 specialised out-patient departments equipped with cutting-edge instruments, along with operating theatres for minor surgery and a 350-seat conference hall.

**Installing rubber floorings**

The project was required to guarantee maximum hygiene and eco-sustainability and Mapei solutions helped achieve this goal.

The substrates were prepared with EPORIP epoxy adhesive to seal the cracks and with PLANIPATCH+LATEX PLUS to seal control joints. Where required, NIVORAPID ultra-fast setting, thixotropic, cementitious levelling

compound was used to repair some areas of the screeds.

After applying PRIMER G, diluted with water, ULTRAPLAN ECO ensured perfect levelling of the surfaces. Rubber coverings with multi-coloured granules supplied by Artigo were installed on floors with ULTRABOND ECO VS90 PLUS, hard set, highly shear resistant, wet-bed dispersion adhesive. The coves were bonded with ULTRABOND ECO FAST TRACK, fast grip adhesive in water dispersion.

**Vinyl and textile coverings on the walls**

Rubber coverings by Artigo were bonded on the walls with ULTRABOND ECO 380 fast initial tack and very long open time adhesive.

"Suwide" PVC coverings by Liuni were installed on walls with ADESILEX MT32 thixotropic adhesive in water dispersion, especially suitable for bonding of all types of wall coverings. "Polyclad" vinyl wall coverings by Polyflor are being bonded with ULTRABOND ECO V4 SP. This is a very high-performance adhesive for PVC and rubber flooring in commercial and public projects as well as a universal adhesive for all types of resilient floorings.

**ULTRABOND ECO VS90 PLUS**

Universal, high temperature adhesive for resilient floor coverings.

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**TECHNICAL DATA**

**San Gerardo hospital,**  
Monza (Italy)

**Year of construction:** 2016 and on-going

**Period of the Mapei intervention:** 2016 and ongoing

**Intervention by Mapei:** supplying products for installing PVC, rubber and

vinyl floors and walls  
**Owner:** San Gerardo hospital

**Works direction:** Sangeco Società Consortile A R.L.

**Main contractor:** Sangeco Società Consortile A R. L.

**Installed materials:** vinyl coverings by Liuni SpA and Polyflor; rubber floorings by Artigo

**Mapei distributor:** Liuni SpA

**Mapei coordinators:** Antonio Salomone and Paola Di Silvestro, Mapei SpA (Italy)

**MAPEI PRODUCTS**  
**Preparing substrates:** Epoporip, Ultraplan Eco, Latex Plus, Nivorapid,

Planipatch  
**Installing rubber floors:** Ultrabond Eco VS90 Plus  
**Installing vinyl floor and wall coverings:** Ultrabond Eco V4 SP, Ultrabond Eco 380, Adesilex MT32, Ultrabond Eco Fast Track

For info on products: [mapei.com](http://mapei.com)