



Serving the Health Service

New Coverings Installed in Montluçon Hospital Using Mapei Products.

by Jean Pierre Ferrer, Mapei France

The inhabitants of Montluçon witnessed their new hospital being built in 2003. An exceptional construction in terms of both its size and the standard of the final result. Mapei was involved in the building work, supplying the materials for smoothing and installing the flexible floor and wall coverings. After carefully studying the concrete substrates, the building contractor, Batistoni, immediately set to work on getting them ready: smoothing, cleaning and removing any dust before applying PRIMER G*. This synthetic resin based primer in water dispersion is ideal for treating absorbent substrates like cementitious screeds. The floors were then levelled using PLANO 3*, a class P3 smoothing compound. The product's fast-hardening and self-levelling properties simplified the building operations.

The architect and works manager used PVC materials from the Gerflor range for the coating operations: Taralay's special "Shower System" product for the bathrooms and Taralay's standard "Matière" and "Imprimé" products in the corridors and rooms (on both the floors and walls).

Taking Jean Claude Bertholet's advice (the Mapei France technician who followed the building work), it was opted to use ULTRABOND ECO 350* adhesive for the installation work. The product's specific properties and the demonstra-

tion performed by Marc Bonoron, the Mapei installation expert, persuaded the firm to use this adhesive.

Apart from ULTRABOND ECO 350*'s technical features, the product was highly appreciated for its flexibility and ease-of-use. Installers are particularly fond of it for its extended open time, which made it much easier to carry out the installation operations.

Photos 1 and 2.
The Gerflor coatings on the floors and walls of the rooms and corridors.

Photo 3.
Preparing the concrete substrates before applying Primer G.

Photo 4.
Smoothing with Plano 3.

Photo 5.
Applying Ultrabond Eco 350 adhesive.





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A fine-toothed trowel was used to apply the adhesive to the floor. This ensures the grooves are evenly distributed over the PVC surface after installation, forming a smooth film preventing any trowel lines from appearing on the coating.

The thickness of the product makes it easy to apply the adhesive to walls with a roller: no splashes, drips....

ULTRABOND ECO 350* is also 100% solvent-free and only contains very few volatile organic compounds (VOC). All this helps improve the quality of the environment and safeguards the health of the installation workers.

pletion of the project. All these services are key factors in the successful business partnership with Mapei that is destined to last. 

This article was taken from issue no.11 of "Mapei & Vous", to whom we would like to express our thanks.

TECHNICAL DATA

Montluçon Hospital, Montluçon (France)

Work: installation of PVC wall and floor coverings

Year: 2003

Project: Séchaud e Bossuyt and Berim

Contractor and installation firm: Revêt Décor Battistoni and Sogeb Mazet

Works Management: SCIC Développement

Testing carried out by: Copibat

Mapei Co-ordinator: Jean Claude Bertholet, Mapei France



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***Mapei Products:** the products referred to in this article belong to the "Products for the Installation of Resilient, Textile and Wood Floor and Wall Coverings" range. The technical data sheets are available on the "Mapei Global Infonet" CD/DVD or at the web site: www.mapei.com.

Plano 3: fast hardening (24-48 hours) self-levelling smoothing compound for thicknesses from 3 to 10 mm.

especially suitable for pump applications.

Primer G: synthetic resin based primer in water dispersion with very low emission of volatile organic compounds (VOC).

Ultrabond Eco 350: adhesive in water dispersion with very high bonding strength even after an extended open time and with very low emission of volatile organic compounds (VOC) for resilient floor coverings.



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This adhesive performed to the highest standards in this 28,000-m² project, showing all its distinctive properties despite the varying air conditions (building works actually went on for eight months).

According to the installation firm, the quality of the Mapei products, the advice provided and constant help in carrying out the work, all contributed to the successful com-