

Salle Omnisports

A superb sports facility built in Carmaux (France).

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Inside of the Carmaux Sports Centre, a modern hall designed for all kinds of indoor sports.



1

Sports facilities are settings in which Mapei products are being used more and more. One of the most recent constructions is the sports centre Salle Omnisports in Carmaux (France).

Innovative solutions for laying the floors had to be used to meet the client's requirements, i.e. the Carmaux City Council working with the economist Mr. Davi.

On one hand a coating of PVC sheets had to be laid over a surface of 1,000 m² made of anhydrite, incorporating a hot-water circulation floor heating system, and, on the other, a coating of square PVC panels needed to be installed over an area of 400 m² in the communal areas (terracing, corridors and other passage ways). The installation company which won

Photo 1. Outside of the building holding the Salle Omnisports.

Photo 2. The passage way area at the top of the stands. Installation was carried out using Ultrabond Eco V4SP universal adhesive.

Photo 3. The covering over the stands was carefully bonded again using Ultrabond Eco V4SP.



this tender decided to use Mapei products for carrying out the work, as it did for many other works in the past.

As regards the sports hall floor, the installation company first carried out smoothing operations by scraping the surface until it was as flat as required.

It then carefully performed all the operations required for installation over plaster-based (calcium sulphate) substrates, in other words complying with the schedule for installation and testing the residual humidity rating allowed, which must not exceed 0.5%.

After applying PRIMER G*, a synthetic resin based primer in water dispersion with very low emission of volatile organic compounds (VOC), the "Taralay Sport Performance" PVC flooring sheets were laid using ULTRABOND ECO V4SP*, a universal adhesive in water dispersion with extended open time and very low emission of volatile organic compounds (VOC). This product's distinctive features, notably the absence of solvents certified by the German TFI institute, were much appreciated by the installation team.

The concrete substrate in the corridors and up in the stands was prepared using PRIMER G* and then smoothed using PLANO 3*, a fast-hardening self-levelling smoothing compound. The covering over these surfaces, made of PVC squares, was also installed using ULTRABOND ECO V4SP*, a product whose versatility is clearly brought out in this project.

This superb construction opened in January 2003 and since then has hosted lots of volleyball and basketball matches.

Good luck to all the teams fortunate enough to play in this brand new centre.

***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" and "Building Speciality Line" ranges. The technical data sheets are available on the "Mapei Global Infonet" CD/DVD and at the web site: www.mapei.com.

Primer G: synthetic resin based primer in water dispersion.

Plano 3: rapid hardening self-levelling smoothing compound, especially suitable for pump applications.

Ultrabond Eco V4SP: universal adhesive in water dispersion with extended open time and very low emission of volatile organic compounds (VOC) for resilient flooring.



Our thanks go to "Mapei & Vous", n. 8, from which this article was taken.

TECHNICAL DATA

Salle Omnisports, Carmaux (France)

Work: installation of indoor PVC floorings

Year: 2002

Surface Area: 1,400 m²

Customer: Carmaux City Council, Carmaux (France)

Contractor: Campo, Millau (France)

Materials: "Taralay Sport Performance" PVC sheets and "Taradal" square PVC panels by Gerflor

Mapei Distributor: Seguret Decoration, Rodez (France)

Mapei Co-ordinator: Yves Caussanel, Mapei France SA

