



Pordenone

OTTAVIO BOTTECCHIA VELODROME

4,000 M² OF TRACK COMPLETELY RESTORED USING MAPECOAT TNS CYCLE TRACK, A SPECIFICALLY DEVELOPED SYSTEM FOR SPORTS SURFACES

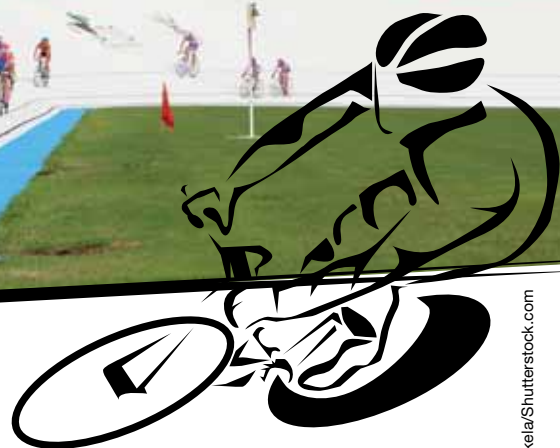
The Ottavio Bottecchia velodrome in Pordenone was built in 1925 by a group of local businessmen who later donated it to Pordenone City Council, which is still the rightful owner. Even though it is now eighty-five years old, the structure itself is still in good working order from a technical point of view and was recently approved by the International Cycling Union (UCI).

With a view to maintaining this high technical standard, and to even improve on it, Pordenone City Council decided to invest more resources into the quality of the track. Mapei took part in this project by supplying products specifically developed for this special type of sports surface.

The intervention involved completely renovating the surface of 4,000 m² of track. After removing the old surface (installed 20 years ago), cracks in the substrate were sealed with EPORIP two-component, solvent-free epoxy adhesive and the surfaces were treated with PRIMER SN two-component, fillerized epoxy primer.

Work on the track was carried out using MAPECOAT





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TNS CYCLE TRACK, a multi-layered, acrylic resin-based system specifically developed for tracks for outdoor velodromes installed on bituminous or cementitious substrates.

This system – which comprises the application of successive coats of MAPECOAT TNS FINISH 1, MAPECOAT TNS PAINT, MAPECOAT TNS PRIMER EPW and MAPECOAT TNS WHITE BASE COAT– is used to create a surface with good mechanical properties, high resistance to abrasion and an excellent combination of low friction and high stability for cycle tyres, thereby helping riders reach a higher level of performance.

The joints in the reinforced concrete structure were then sealed with MAPEFOAM closed-cell, polyethylene foam cord and MAPEFLEX PU 45 FT paintable, rapid, high-modulus, polyurethane adhesive and sealant, suitable for joints subject to movements of up to 20%.

This tried and tested system was developed thanks to the company's experience over the years of installing tracks in velodromes in Italy and abroad.

TECHNICAL DATA

Ottavio Bottecchia Velodrome,
Pordenone (Italy)

Year of construction: 1925

Year of the Mapei intervention: 2018

Intervention by Mapei: supplying products for renovating the cycling track

Client: Pordenone City Council

Design and works direction: Alberto Endrigo

Project Manager: Guido Lutman, Pordenone City Council

Contractor for the track: Tagliapietra Srl

Photos: Roberto Munizzi

Mapei coordinators: Marco Cattuzzo and Luca Nordio, Mapei SpA (Italy)

MAPEI PRODUCTS

Preparing the substrates: Eporip, Primer SN, Mapefoam, Mapeflex PU 45

Rebuilding the track surface: Mapecoat TNS Finish 1, Mapecoat TNS Paint, Mapecoat TNS Primer EPW, Mapecoat TNS White Base Coat, Mapecoat TNS Protection

IN THE SPOTLIGHT MAPECOAT TNS PAINT

Coloured paint with a smooth finish made from acrylic resin in water dispersion, for indoor and outdoor tennis courts in porous cement, asphalt or concrete, multi-purpose playing fields, pedestrian areas and cycle tracks. It may be applied on both old surfaces which are already painted and on new surfaces which require painting.

MAPECOAT TNS PAINT has excellent resistance to abrasion and guarantees the durability of surfaces, even when used frequently.



PHOTO 1. Spray applying MAPECOAT TNS WHITE BASE COAT.

PHOTOS 2 and 3. The coloured section of the track were painted with MAPECOAT TNS PAINT.

PHOTO 4. After completion of the works, MAPECOAT TNS PROTECTION transparent finishing product was applied on the surfaces.