



A “Nox-Activ” roof for the new Eco-technological complex of Vodafone Italy

The ambitious project, launched in June 2008 and inaugurated in June 2012, involves the construction of four buildings: three towers as office space and a fourth dedicated to communal areas, for a total area of approximately 67,000 sqm.

This new eco-technological complex is an excellent example of environmentally sustainable building: every single structural element and system has been thought and designed in a “green” vision, with the aim of fully satisfying the needs to create a healthy working environment, comfortable and technologically advanced, respecting the surroundings.

In this context, Imperedil, which was responsible for designing all waterproofing details, chose Siplast Icopal, for the NOx-Activ® membranes to be applied on a surface of about 3,000 sqm. The reasons for this choice rely on the professionalism and reliability that our company has shown in previous collaborations and for the innovative proposed solution.

The introduction of TiO₂ (titanium dioxide) in the composition of the coating materials for construction, gives them self-cleaning and depolluting properties through photocatalysis that turns harmful nitrous oxides into benign nitrates. In particular, Siplast Icopal has developed an innovative technology based on titanium dioxide, a catalyst element, for the realization of a special granular finish NOXITE® as protection for waterproofing bituminous membranes. Its action is permanent and uses solar energy, transmitted by radiation (UV), enabling the decomposition of Nitrogen Oxide Nox particles into harmless nitrates, which are then washed away by rainwater.

Nox-Activ membranes are available for single layer or double-layer applications. They can be applied to flat or pitched roofs. They have very high elastic and mechanical properties. Furthermore the high adhesion of the mineral finish to the bitumen avoids problems of loss of material that could cause clogged gutters and downspouts.

Alessandro Borroni from Imperedil - Company specialized in waterproofing construction of industrial, civil, environmental remediation, foundations and underground works - says: “The long-term cooperation with Siplast Icopal is closely related to professionalism demonstrated over the years by the company, and certified quality of its products. NOx-Activ® membranes have fully met our design requirements and parameters of eco-sustainability.”



Project information

Owner: Gruppo Carminati
Project owner: Real Estate Center
General contractor: Professional Center S.p.A.
Architects: Rolando Gantes and Roberto Morisi
Waterproofing contracting firm: Imperedil
Surface area: 67.000 m²
Project dates: June 2008 – December 2011
Siplast Icopal products: Paradiene 30.1 GS Nox-Activ, Paradiene SR4, Neodyl

[forward to a friend](#)

Copyright © 2013 Icopal SAS, All rights reserved.
You are receiving this email because you form part of Icopal Siplast contact list.
Our mailing address is:
Icopal SAS
12 rue de la Renaissance
Antony 92184
France

[Add us to your address book](#)

[unsubscribe from this list](#)

System selection:

- [Building Waterproofing](#)
- [Civil Engineering](#)
- [Sound Deadening](#)
- [Wooden Housing](#)
- [Siplast Green](#)

