



Clearly
improves
Environment and
health

NoNOx facades with air cleaning feature

PREHORQUISA INTRODUCES NoNOx TECHNOLOGY

In line with our vision to generate progress in quality of life, we introduce NoNOx facades for our Precast Panels. Powered by the strong photocatalytic TiO₂ technology from Photocat.



Green Thinking





Aesthetic and Air cleaning at the same time



WITH **NoNO_x** FACADES WE COMBINE THE VERSATILE DESIGN OPTIONS WITH STATE OF THE ART AIR CLEANING TECHNOLOGY.

The **NoNO_x** facade degrades air pollution using sunlight and rain in a perfect symbiosis with the nature. In this way you can **combine your design visions with the wish of green technology to the urban areas where it is needed**. As an extra benefit the technology also degrades organic materials.



Step 1

Step 2

Step 3

NO_x is in the air

The surface is activated by the sun and NO_x is degraded into nitrate

Nitrate is washed away by the rain

Activated
by the
sun



- 100 m² of NoNOx is equivalent to 6.5 trees
- 100 m² of NoNOx degrades 1 kg of NOx per year
- NoNOx requires no maintenance

NoNOx is the natural choice for urban living areas, because:

- 100 m² NoNOx facade degrades 1 kg NOx air pollution per year
- tested according to ISO 22197-1
- the technology is validated by D-TOX Laboratory in Germany

Easy to specify with the following criteria

1. Concrete must be treated with an active photocatalytic product of ultrafine titanium dioxide.
2. The applied ultra-fine titanium dioxide solution must be environmentally friendly and should be water based.
3. The concrete must be photocatalytic and tested according to the ISO standard.

D-TOX
Messlabor für Photokatalyse





PREHORQUISA

PRECAST YOUR DESIGNS



@prehorquisa

SPORTS CENTER. FRANCISCO DE VITORIA UNIVERSITY



GERMAN SCHOOL (MADRID)



PALACE OF JUSTICE. CÓRDOBA

PRECAST CONSTRUCTION SYSTEMS Engineering, manufacturing and assembly.

Specialists in reinforced architectural concrete, glass reinforced concrete (GRC) and ultra high performance concrete (UHPC).

CENTRAL OFFICES AND FACTORY.

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