



The Manila Trial

Car parks and road tunnels are two environments where air pollution significantly affects the users of these infrastructures as well as the people working there.

In Manila, a trial was conducted with Pacific Paints (Boysen), coating selected areas of the MRT Guadalupe rail station. The trial also included a consultant who specialized in pollution monitoring. The paint formulation is the result of Tronox's extensive R&D activity in photocatalysis. The measured NOx reduction in the vicinity of the painted walls showed that each treated square meter removes up to 80 g of NOx per year.

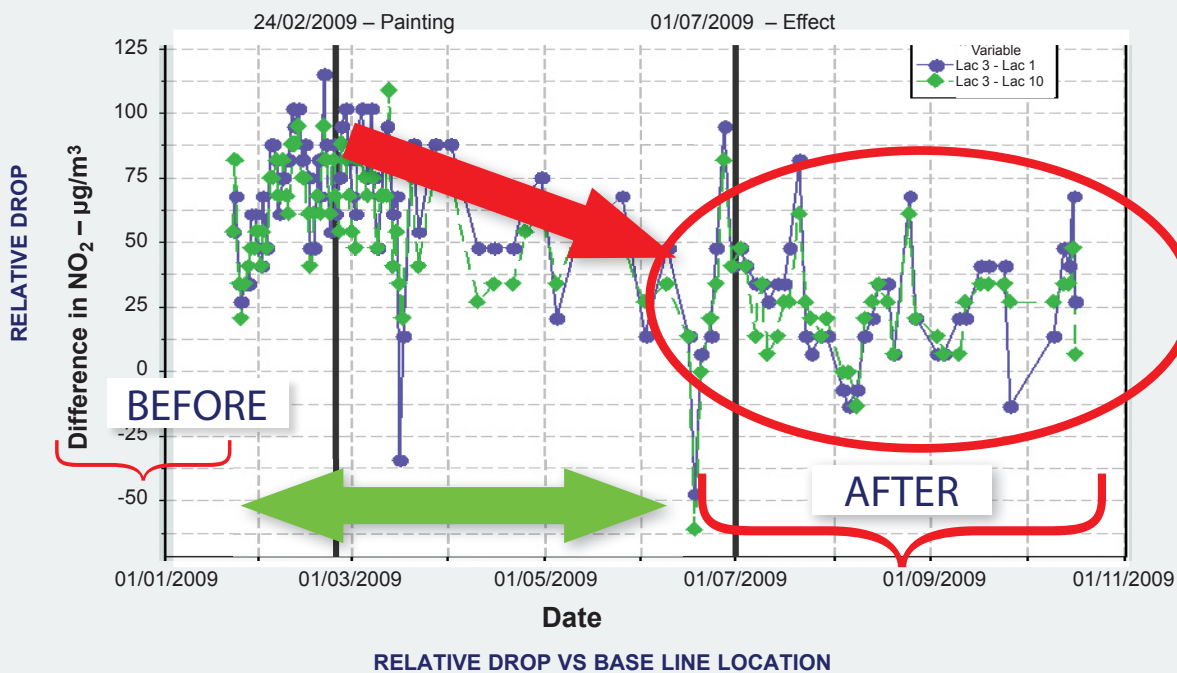
Trial Conclusions

Exterior painted area: 4,100 m²
~26 g of NOx removed per 100 m² per day
>300 kg of NOx removed per year

For more information about the photocatalytic properties of CristalACTIV™ TiO₂, contact: cristalactiv@tronox.com
Visit us at our website: www.cristalactiv.com

Asia Pacific Trial: Manila-Guadalupe MRTs

Distance Between Location 3 and Baselines 1 and 10



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