



TX Active Photocatalytic Cement

New Barriers Direct Route to Cleaner Air, Greener Highways

Toronto, Ontario

Concrete highway barriers protect against noise. A new design in Ontario may protect against air pollution as well.

Now undergoing trials along Highway 401 in metropolitan Toronto, concrete barriers formulated with TX Active photocatalytic cement have “the potential to significantly reduce smog-forming air pollutants,” according to a release from the Ontario Ministry of Transportation (MTO).

During the 12-month test period, the self-cleaning properties of TX Active will also be assessed. The release states that “the properties of photocatalytic concrete align well with the Ministry’s goal of having the greenest roads in North America.”

Project partners with the MTO include the Ministry of the Environment, the University of Toronto, Armtéc (manufacturers of the concrete barriers) and Essroc Italcementi Group.



Essroc
Italcementi Group