

PROJECT PROFILE



The Advanced Materials Centre

Project: Bridges and overpasses, the
City of Montreal, Quebec,
Canada

Designer: City of Montreal

Client: City of Montreal

Contractor: Construction Kiewit and
other contractors from
Montreal area, Quebec,
Canada

Gemite product: **Cem-Kote Flex
Plus Light Grey**

Objective: Protection and
waterproofing of a bridge and
overpass structures.

The bridge and overpass structures exhibited severe spalling, cracking due to corrosion of the reinforcing steel in addition to surface deterioration due to freeze/thaw. The structures were repaired using **Cem-Kote Flex Plus Light Grey** coating. In number of projects the **Reinforcing Mesh HD** is used over areas exhibiting severe cracking to increase the crack bridging ability of the flexible polymer-cement coating, **Cem-Kote Flex Plus**. The coating is applied by spraying in thicknesses varying from 1.6 mm to 2 mm and brushed to provide the coating continuity and uniform thickness. The application of a thick coating eliminates in number of projects costly application of leveling, repair mortar layers.



Spray application of Cem-Kote Flex Plus



Placement of the Reinforcing Mesh HD and
spray application of Cem-Kote Flex Plus

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