

# Product Case History



## LOCATION:

MONTRÉAL, QC

## DATE OF APPLICATION:

MARCH - JUNE 2001

## MARKET:

COMMERCIAL/ARCHITECTURAL

## SUBSTRATE:

STEEL

## SURFACE PREP:

CLEANED ACCORDING TO SSPC-SP1  
AND PRIMED WITH CARBOCOAT 150

## Eaton Centre Montréal

### PRODUCT(S) USED:

- Exterior Coating 1: Nullifire S606
- Exterior Coating 2: Carbocoat 150
- Exterior Coating 3: Carbothane 133 HB

### AREA COATED:

The Eaton Centre, situated in downtown Montréal, is a commercial center with boutiques, restaurants, and cinemas. In April 2001, the commercial centre was renovated with new structural designs that needed fire protection.

The specification for fire protection of the different sizes of steel columns and beams required a 2 hour fire rating and called for specific colours, and finish as part of the architectural designs.

For this project, Carboline recommended Nullifire S606, a single pack, solvent-based intumescent coating designed to fireproof interior steelwork was recommended and approved by the architect.



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## COATING SELECTION EXPLANATION:

The fireproofing contractor made sure that the steel surfaces were well prepared before Nullifire S606 was applied. Carbocoat 150 universal primer was used on any bare steel. The intumescent coating was then applied with airless spray equipment at the desired thickness. The finish coat, Carbothane 133 HB in a white and silver metallic finish, was used to complete the project.

## FEATURES:

- U.L.I. listed - designs for many types of steel section up to 2 hours.
- Decorative Finish - Gives a smooth and decorative finish.  
Compatible topcoat available in a wide range of colours.
- Durable finish - Provides a hard dust-free surface resistant to normal wear.
- Thin film coating - Offers an economical solution to traditional fire proofing.
- VOC complaint
- Easy repair - If damaged it can be repaired easily with Nullifire S Filler.

Nullifire was selected by the fireproofing contractor because of the quality of the product and the UL designs.

## ADDITIONAL PHOTOS:

