

Product Case History



Toronto Hydro - Exterior Shipping Overhang

PRODUCT(S) USED:

Exterior Coating 1: Carbocoat 150

Exterior Coating 2: Carbocrylic 3359 DTM

AREA COATED:

Toronto Hydro-Electric System Limited owns and operates an electricity distribution system which delivers electricity to approximately 730,000 customers located in the City of Toronto. It is the largest municipal electricity distribution company in Canada and distributes approximately 18% of the electricity consumed in Ontario.

In October 2006, Toronto Hydro conducted renovations to their exterior shipping overhang. They required a product with excellent colour stability and a life expectancy of 5-10 years without the return of rust. It was also necessary to increase the lighting by use of a cost-effective, ultra-white, non-yellowing product.

LOCATION:

TORONTO, ON

DATE OF APPLICATION:

OCTOBER 2006

MARKET:

POWER

SUBSTRATE:

STEEL

SURFACE PREP:

CLEAN & DRY

EXPOSURE:

FREQ. WET W/FRESH WATER;
CONDENSATE, SPLASH OR SPRAY



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COATING SELECTION EXPLANATION:

Carbocrylic 3359 DTM was chosen for its ultra-white, non-yellowing properties and offered the life expectancy Toronto Hydro desired. Carbocoat 150 was used to prime the steel prior to the application of Carbocrylic 3359 DTM to eliminate any flash rusting.

Carboline exceeded expectation aesthetically as the lighting was improved by over 200%. Additionally, the possibility of reoccurring rust problems was eliminated, leaving the customer delighted with the end result.