

Product Case History



O'Hare Airport Maintenance Building Truss Renovation

LOCATION: Chicago, IL, United States

DATE OF APPLICATION: October 2015

MARKET: General Buildings

TYPE: Maintenance

OWNER: City of Chicago Department of Transportation

PROJECT SIZE: 100,000 Square Feet

AREA COATED: Roof Truss Support System for the O'Hare Airport Maintenance Building

SUBSTRATE: Ferrous Metal (Carbon Steel)

EXPOSURE: Exterior Weathering - moderate industrial exposure - chemical environment

SURFACE PREP: SSPC-SP 10 (Near White Blast)

PRODUCTS: Carbomastic 615 AL, Carbothane 134 HG

PROJECT DESCRIPTION:

Renovation and weld inspection for the O'Hare Airport Maintenance Building. This building warehouses and maintains all of the City's vehicles used to maintain the Airport. During a severe snowstorm enough snow fell on the roof causing a partial collapse of the roof. The roof was retrofitted with a huge tubular truss system so that the roof will never collapse again.

COATING SELECTION EXPLANATION:

The Carbomastic 615 AL and Carbothane 134 HG was chosen for: ease of application, low temperature cure, and moisture tolerance as this project needed to be prepared and primed at night so that finish coating can take place after the dew point restriction.

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ADDITIONAL PHOTOS:

