

Product Case History



Newgold - Rainy River Mine

LOCATION: Rainy River, ON, Canada

DATE OF APPLICATION: November 2017

MARKET: Fireproofing - Commercial

TYPE: New Construction

OWNER: Newgold

PROJECT SIZE: 1,000 Gallons

AREA COATED: Structural Steelwork Beams, Columns & Vertical/Horizontal Bracing

SUBSTRATE: Steel

EXPOSURE: Dry and covered with fireproofing or cement

SURFACE PREP: Per Product Data Sheet

PRODUCTS: Carboguard 635, Carboguard 893 SG, A/D Firefilm III

PROJECT DESCRIPTION:

The Rainy River project is an advanced-stage gold project situated in Richardson Township, approximately 65 km northwest of Fort Frances in Northwestern Ontario.

The project contemplates a 21,000 tonne per day processing rate from a combination of open pit, underground and stockpiled ore. The project is expected to produce 325,000 ounces of gold annually.

COATING SELECTION EXPLANATION:

Original specification was based on the use of conventional Cementitious Fireproofing, but due to sequence and live nature of equipment in Electrical/Transformer and Cyanide Storage Rooms the decision was made to proceed with A/D Firefilm III Intumescent Paint System.

The Steelwork located in the 5KV Electrical/Transformer and Cyanide Rooms had the Carboguard 635 Primer system application, whilst Steelwork located in the Sag Rod areas had the Carboline 893SG Primer system applied prior to the application of Firefilm III Intumescent Paint System.

A/D Firefilm III was selected due to it's high end Architectural Finish, ease of application and clean room approach.

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ADDITIONAL PHOTOS:

