

**Location:**

Brookville, PA

**Date of Application:**

April 2011

**Market:**

Transportation (Railcar)

**Substrate:**

Steel

**Surface Prep:**

SSPC-SP 10 (Near White Blast)

**Exposure:**

Exterior Weathering - moderate  
industrial exposure - chemical  
environment

## Locomotive refinishing

**Area Coated: Exterior**

- First Coat: Carboguard 8922
- Second Coat: Carbothane 134 HG
- Third Coat: Carbothane 130 Clear Coat
- Fourth Coat: Additive 8509

**Project Description:**

The Carboline Transportation group is a leading supplier of coatings and linings for freight cars in the rail industry. Using the vast experience of Carboline exterior coatings from markets such as Bridge & Highway, OEM and Marine/Offshore the Transportation Group has targeted the locomotive market.

**Project Challenge:**

Matching the bright/vibrant color scheme of the Genesee & Wyoming Railroad.  
Providing coatings with fast recoat times to meet the applicators production schedule.

**Coating Selection Explanation:**

A three coat epoxy/urethane color/urethane system clear has been selected. This system will provide excellent color/gloss retention and corrosion resistance.

**Additional Information:**

When compared to a commonly used locomotive coating supplier the Carboline system offers a economical system without sacrificing performance.

