

Location:

Gillette, Wyoming

Date of Application:

August 2009

Market:

Power - Conventional

Substrate:

Steel

Surface Prep:

SSPC-SP 6 (Commercial Blast)

Exposure:

Exterior Weathering - moderate
industrial exposure - chemical
environment

Basin Electric Dry Fork ACC Ducts

Area Coated: Touch-up

- First Coat: Carbozinc 859

Area Coated: Exterior ACC Ducts

- First Coat: Carbozinc 859
- Second Coat: Carbothane 134 HB

Project Description:

Steel ACC ducts needed to be primed in a shop environment prior to being shipped to the job site. The finish coat was to be applied in the field after the ACC ducts were erected at the job site.

Project Challenge:

The ACC ducts needed to be primed in a shop environment with a quick turn zinc-rich primer. In addition, the ducts required touch-up in the field prior to the application of the finish coat.

Coating Selection Explanation:

The system (Carbozinc 859/Carbothane 134 HB) was chosen for long-term corrosion protection and for its weathering properties.

Additional Information:

Carbozinc 859 was used as the primer (and for field touch-up after the structure was erected) and Carbothane 134 HB was selected as the finish coat (field applied after the structure was erected/constructed).

