

# Case Study

## Bombardier

### Refurbishment of

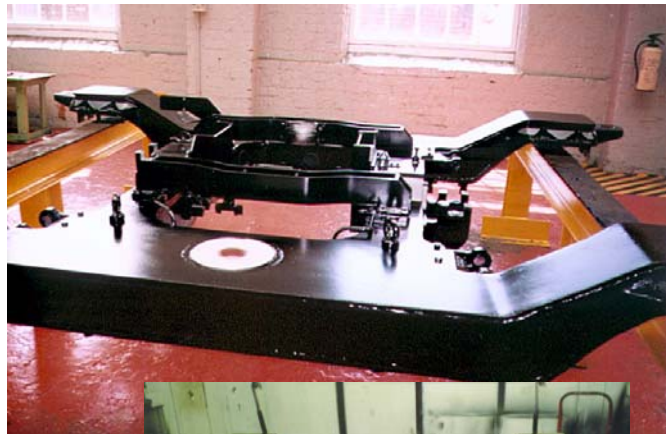
### Steel Bogie Frames & Components

Over 12,000 Bombardier bogies coated in Scotchkote™ High Performance Coatings are in operation throughout the world, ranging from intercity locomotives to high density metro vehicles and trams. Bogies operate in arduous environments throughout their service life. Optimum coating performance is required combining constant reliability with minimum maintenance cost.

Bombardier Bogie Division, based in Crewe, refurbish steel bogies for the rail industry. Their coating requirements are a single coat system that is easy to apply, quick drying, offers good long term corrosion protection, abrasion and impact resistance and a good visual appearance, combined with full compliance to Rail Industry Standards.

As a result 3M™ Scotchkote™ WB Epoxy Coating EA5WB (based on the proven technology of 3M™ Scotchkote™ WB Epoxy Coating EA9WB) was developed. This single coat two component water-borne epoxy coating incorporates a high level of corrosion resistance, in conjunction with a pleasing finish appearance. As such, this coating offers substantial cost savings, reductions in process times and increased throughput. Bombardier are highly impressed by this unique material and continue to use it successfully.

3M™ Scotchkote™ WB Epoxy EA5WB is also suitable for original equipment manufacture, particular within the rail, automotive and commercial transport industries.



This application was carried out using product under the Copon brand. Following the acquisition of the company by 3M, all products are being rebranded 3M™ Scotchkote™.