

## Versatile Coating System Enhances Indestructible Paint Rail Industry Role



A highly versatile and robust epoxy coating system has now been introduced by specialist manufacturer, Indestructible Paint Ltd., with particular benefits for the rail industry. The development – centred on the introduction of the company's RWIP120 product – signals the organisation's recent focus on the rail sector and gains from some four decades of experience of coating technology in many of the most challenging global environments. Indestructible Paint's RWIP120, which is fully compliant with CR/PE0102 Repainting of Rail Vehicles specification, offers a range of performance benefits and, significantly, is available as either a one or two coat system.

Mike Booth is Product Specialist in Indestructible Paint's rail industry operation and draws attention to the advantages that can result. "Undercarriage coating objectives can often be achieved by the use of the system as a single 120 micron primer/finish coating," he says, "particularly as there are no specific aesthetic considerations while, in other areas, it can comprise a separate 60 micron primer with an additional 60 micron finish coat. Where appropriate, it can also then be over-coated with other Indestructible Paint finishes, epoxies and polyurethanes while customer needs can be further met by a choice of colours in a matt, semi-matt, semi-gloss or gloss finish."



## Engineering Coatings for Rail Vehicles

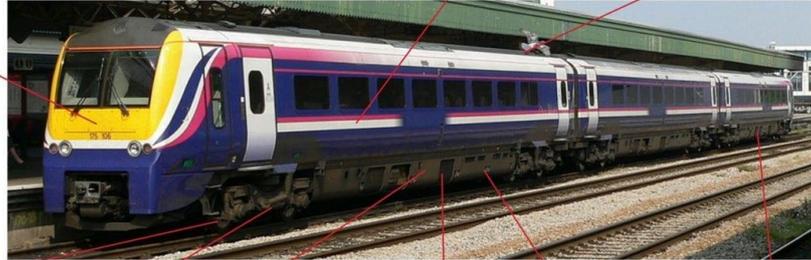
GRP End moulding  
Composite Sealer +  
2K epoxy primer  
+ 2K PU Topcoat



Aluminium Frame 2K Epoxy  
Primer + 2K PU Topcoat



Roof Refurbishment  
(pitted, leaking roof)  
Water Based Flexible  
Acrylic: 1 or 2 coats



Wheel Sets:  
2K Epoxy



Bogies and Brake  
Components: Single Coat  
System 2K Epoxy



Battery Boxes:  
2K Epoxy  
1 or 2 Coat System



Air Reservoirs: 2K Epoxy  
(Interior Heat &  
Chemical Resistant)



Body Skirts: 2K Epoxy  
Primer plus 2K PU topcoat



Traction Control Box:  
2K Epoxy



Indestructible Paint's RWIP120 has been proven on a range of substrates, many of which are a common feature in the rail sector. These include steel, aluminium, galvanised and composite surfaces which all gain from the composition of the epoxy and its chemical bonding characteristics. The cured coating is a tough chemically resilient finish that has been tested against a variety of corporate and national standards.

"The system is part of a family of coatings that we have developed, which are based on high grade, two-part epoxy coatings that have a long and successful track record in the aerospace sector," continues Mike Booth. "In the rail industry, typical uses can include underframe equipment as well as, as a primer, a range of applications from GRP end mouldings, aluminium frames and roof coatings to wheel sets, bogies and brakes."