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**INNOVATIONS
AND TRENDS**



RailClad™: The new standard for joining multi-metal system designs



Explosion welded clad in Alstom Transport

While rivets and bolts have joined metals in the transportation industry for years, the major shortcomings of these fasteners is they require holes to be drilled, need special insulators, and require regular inspection. RailClad™ is produced by an explosion welding process that creates reliable, strong welds between two dissimilar metals while retaining outstanding mechanical, corrosion, and fatigue properties of the materials. Designers of rolling stock are now using carbon steel, stainless steel and aluminum in train carriages. These metals get chosen for their unique properties of strength, density and corrosion resistance. RailClad™ is the new industry standard when it comes to joining multi-metal system designs. NobelClad has been fully qualified to EN15085-2 and EN ISO 3834-2 and RailClad™ is in commercial use today by leading manufacturers.

NobelClad

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Subject to further change