Stainless steel is selected for the complex structural parts of railway carriages because of its roll-forming capability, high mechanical properties, fatigue resistance and corrosion properties. Use of roll-forming to create the carriage shells means that additional functionality can be integrated and welding avoided.

Location  FRANCE
Environment  OUTDOOR
Product
Fabrication process  ROLL FORMING
Grade/surface  AISI 304L
Material thickness/diameter
Weight
Competing material  CARBON STEEL
Date of Completion  2010
Manufacturer  ALSTOM, SADEF (PROFLER)
Material Supplier  APERAM STAINLESS STEEL EUROPE
Source of Information  APERAM STAINLESS STEEL EUROPE
Remarks