

RAIL CARRIAGE STRUCTURAL PARTS



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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 (PROFILER)

Material Supplier | APERAM STAINLESS STEEL EUROPE

Source of Information | APERAM STAINLESS STEEL EUROPE

Remarks