

Sébastien Brun

Steel Construction Engineer



Profile

53 years old
Seniority : 8 years, associate
English

Steel construction

Composite Steel & Concrete
structures

Strength of Materials

Steel roof coverings and wall
sheeting

Lifting and handling

Member of APK, Association for the Promotion of "Steel Construction Teaching"

Education

Postgraduate certificate DESS Building and Methods

Centre des Hautes Etudes du Métal (CHEM)

DEST Civil Engineering

Conservatoire National des Arts et Métiers (CNAM)

BTS Steel Structures

Brétigny sur Orge

Professional background

Castet et Fromaget Fayat Group

Design Engineer – Major Project Manager – Technical Manager

- Airplane Hangar Airbus
- Architectural structure with wide-span and cantilever
- Reconstruction in steel of one terminal's pier
- Footbridges with wide-span and vibration dampers
- Steel structure of one stadium for Euro 2016
- Composite structures steel/concrete of high-rise building
- Road bridge with double composite beams under the deck

Ingerop

Department of Steel Structures and Mechanical – Design Engineer

- Industrial buildings for automotive
- Rugby stadium
- Museum

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Key areas of expertise

Structural Steelwork

- Flat roof structure collapses under rainwater accumulation loads
- Collapse of a building after rehabilitation works
- Damages during construction due to errors in the process
- Various defects on overhead cranes supporting structures
- Defects of grains silos
- Structural steel construction companies claims against their engineering consultants
- Damages related to errors in structural calculation
- Damages on complex structure of one steel monumental staircase

Roofing and Cladding

- Tearing of a canvas due to effects of snow
- Defects on thermal insulation of roofing

Civil Engineering

- Damages of mobile footbridge (lifting bridges)