

GALVAFRIQUE BUILDING

+ROBUST +QUALITATIVE +AFFORDABLE



MORE THAN 20 YEARS OF EXPERIENCE MORE THAN 3000 TRANSACTIONS PER YEAR

MORE THAN 450 000M² SOLD IN AFRICA PRESENT IN 50 COUNTRIES INCLUDING 30 IN AFRICA

FRAME

- Strong industrial profiles **high Strength Steel** (cf. graph).
- Our industrial profile welds are **ultrasound-tested**.
- Our smallest industrial profile is I 200mm and offers **5% more resistance** than basic ipe 200mm profile.
- The gussets are **oversized** (10% of building width).
- Recommendation: always go for a strong frame.

Profile quality and steel grades
Table of comparisons

Tensile Limits	Industrial profile High resistance	IPE basic 527S	IPE basic 523S
HIGH	High	Medium	Low
AVERAGE	High	Medium	Low
LEW	High	Medium	Low

PROTECTION

- Included: High-Strength Steel, **Frame shot blasted + 2 coats of 40µ anti-rust paint**.
- Optional: **hot-dip galvanization**. Pickling by soaking in several baths to **eliminate impurities**. Hot dip galvanisation in a molten zinc bath at 420 °C, to **facilitate metal inter-penetration** to form a high-strength alloy.

Anti-corrosion protection
Table of comparisons

Protection	Hot dip galvanisation	painting coat without shotblasted
HIGH	High	Low
AVERAGE	High	Low
LEW	High	Low

ROOFING & CLADDING

- Lacquered sheets 1st choice, **5 wide waves**.
- It's free:** Roof overhang of 20cm on longside.
- Optional: **multi-sided cladding** possible.

PURLIN PLATES

- **Galvanised C-shaped purlins**.
- Strong resistance, great inertia
- Tips: Check the strength of your substructure!

FOUNDATIONS

- **Easy foundations**, intuitive engineering and an **easy-to-assemble kit** (depending on the type of ground and the load-bearing).
- **Strong industrial profiles**, inserted 40 cm in the massifs (which confers better stability and lower costs).

TECHNICAL STUDY

- All our metal steel sheds in kit form are calculated **according to the French standards**
- In addition, our metal structures are **CE marked** in accordance with the EN 1090 standard.

FLASHING

- Included as standard: **extra wide ridge** and fixed to the purlins (DTUcompliant).
- Optional: **corner flashing and roofing gables** (necessary in case of cladding and to ensure the proper junction of the cladding), roofing gables (necessary to hold properly your sheets), etc

FIXING

- Fixings for the building structure:
- **Zinc-plated nuts and bolts 8.8**.
- Fastening of the cover through a **self-drilling system**: Zinc-plated self-drilling screws or rivets and gaskets.