

# GALVAFRIQUE BUILDING

**+ROBUST +QUALITATIVE +AFFORDABLE**



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

**MORE THAN 450 000M<sup>2</sup> 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**



### 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**



### 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 180mm 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.