

The new range of the **HUURRE HI-AGRO metal enclosures** was specially designed for the **agriculture and livestock sector**.

The roof and façade systems from the **HI-AGRO** range incorporate the Granite® FARM organic coating with **high resistance to ammonia and fertilisers** on the interior faces of the enclosure.

The HI-AGRO range for roofs and facades

The HI-AGRO range is the ideal solution for the execution of **functional, economic and long-lasting enclosures** in **agricultural or livestock buildings** that house any kind of plant or animal.

Because of its **corrosion resistance, high durability, competitive costs** and **aesthetics**, the HI-AGRO range is the most **efficient and profitable** alternative to the conventional fibre-cement systems or with polyester coatings.

The range comprises several **high-quality structural solutions**, as well as all the required accessories and complements.

- **Metal sheet for roofs and façades**, with rib heights of between 16 and 60 mm, with numerous punch and colours options.
- **HI-CT sandwich panels for roofs** and **HI-STS for facades**, with insulating cores of polyurethane (PUR) or polyisocyanurate (PIR), which provide high thermal insulation, and unbeatable aesthetic finishes.
- **Complements and accessories**: finishes, elements for lighting, structural purlins, ventilation, fastenings and anchors, anti-condensation systems, leak-tight joints etc.

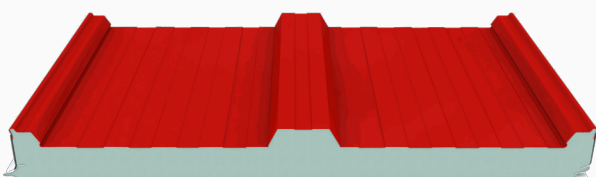


Applications

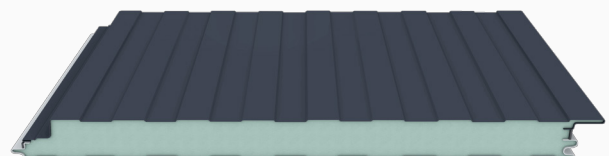
- Farms and agricultural buildings.
- Livestock buildings, open or closed.
- Storage facilities, silos and other agricultural buildings.
- Equestrian and equitation centres.

Advantages of the HI-AGRO range

- **Guaranteed resistance to corrosion** caused by chemical agents found in the agricultural and livestock sector.
- **Extremely competitive costs**.
- Because of its high **resistance and high durability**, the HI-AGRO range can more than **double the lifetime** of the enclosures.
- Simple and safe installation system with **reduced execution times**.
- **Comprehensive system**, comprising all the elements and accessories required for correct execution.
- **Products that respect the environment**, free from heavy metals and hexavalent chromium.
- **Products of the highest quality**, certified on a national level (**N Certification from AENOR**) as well as European (**EC marking, DTA from the CSTB**).



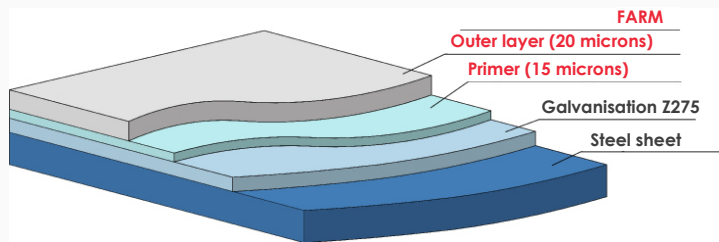
HI-CT



HI-STS

Interior coatings for the HI-AGRO enclosures

The interior coatings of the HI-AGRO enclosures consist of the **Granite® FARM, 35-micron thick system, with very high durability**, with good resistance to chemical agents and **excellent resistance to ammonia and fertilisers**, applied to a **type Z275, hot-galvanised steel sheet** (275 g of zinc/m²).

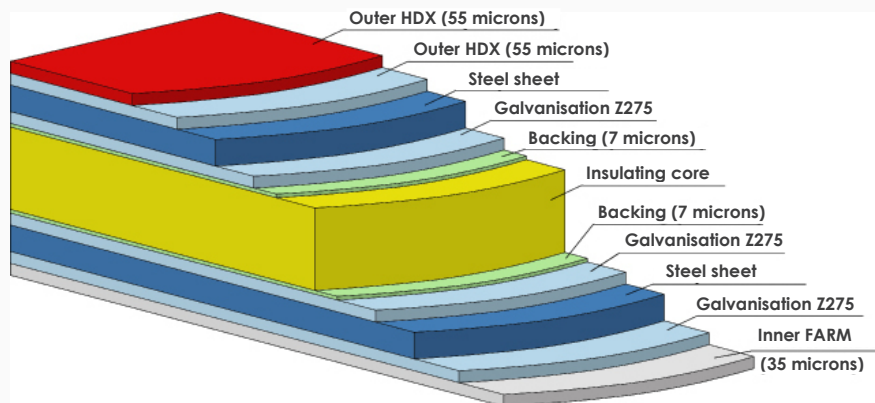


Main properties	
Paint thickness	35 microns (20 + 15)
Metal coating	Z275
RUV resistance category (QUB test)	2,000 h RUV3 category
Corrosion resistance (Saline mist test)	360 h RC3 category
Condensation resistance (QCT test)	1,500 h CPI4 category
Warranty	Up to 15 years (semi-automatic)

HI-AGRO range anti-corrosion system

The HI-AGRO range anti-corrosion system provides the **highest durability** even in the **most abrasive environments**, combining the Z275 metal coatings of the base steel, the interior coating of Granite® FARM, and the exterior coating of Granite® HDX, of **large thickness (55 microns)**, **robustness** and high resistance to corrosion and **ultraviolet light**.

HI-AGRO SANDWICH PANELS



Chemical agent	Resistance
NH ₄ OH 30%	Excellent
NaOH 10%	Good
Ammonia	Very good
Mineral oils	Very good
Toluene	Excellent
Ethylene glycol	Excellent
Ethyl alcohol	Good
Oleic acid	Good

HI-AGRO PROFILED SHEETS

