



ArcelorMittal

Magnelis[®] for HVAC systems

High protection against corrosion

Magnelis[®] protects steel against corrosion, in air treatment units, ventilation ducts, heat pumps, exchangers, for various components such as casings, frames, doors, blades, grilles ...

Magnelis[®] provides:

- Up to 3 times better corrosion resistance compared to galvanised steel
- Improved durability
- Cost-effective results compared to galvanised steel, aluminium, and stainless steel

Extensive field testing showed an improvement factor of 3 between **Magnelis[®]** and regular galvanised steel.

When exposed to the environment, **Magnelis[®]** forms a very dense, protective film, unlike galvanised coatings where the film is very porous.

It is almost impossible for the environment to penetrate this film. The result is perfect protection of the whole structure, even when the coating is scratched, cut, or perforated.

Magnelis[®] is available as XCarb[®] recycled and renewably produced steel with a CO₂ footprint of -70% versus the conventional blast furnace production route.



Protected by
Magnelis[®]

Read more: industry.arcelormittal.com/HVAC

