



COATED FOR LIFE



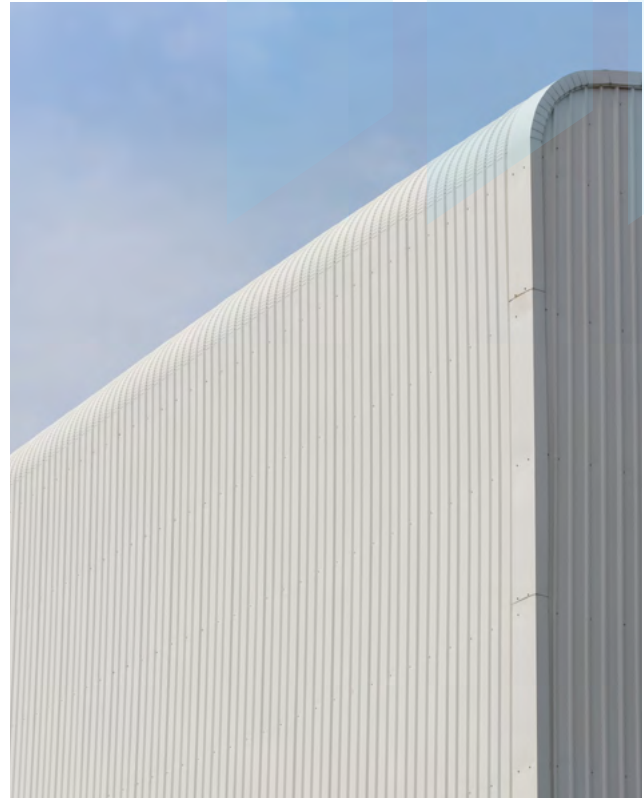
COATED FOR STYLE



Stronger, lighter, longer durability... MAGNOR, it's all about MORE.

Superior corrosion protection: MAGNOR offers superior corrosion protection compared to traditional zinc coatings. The addition of magnesium and aluminum in the coating makes it more resistant to corrosion, even in harsh environments.

Improved sustainability: MAGNOR coating is a more sustainable alternative to traditional coatings. It contains less zinc, making it better for the environment and for worker health and safety.



Higher performance: MAGNOR is more durable, has a higher adherence and so improved formability, making it ideal for use in a wide range of applications.

Cost-effective: MAGNOR is a cost-effective solution for corrosion protection. The superior corrosion resistance of ZM-coated steel can help to reduce maintenance and repair costs, and increase the lifetime of the product.

Polyvalent: MAGNOR is a strong solution that can be applied to a wide range of steel products: scaffolding, shelving, building structural parts, modular construction, silos, solar panel supports, motorway safety barriers, chicken farm equipment.

“MAGNOR offers 2 to 3 times better corrosion resistance with the same coating thickness.”



SILOS



SHELVING



BUILDING ENVELOPE

MAGART, the ultimate art of protection. Because what's beautiful should last forever.



Corrosion resistance. MAGART steel is coated with a layer of zinc-magnesium which provides excellent corrosion resistance. Ideal for outdoor applications where the steel is exposed to moisture and other corrosive elements.

Formability. MAGART steel is highly formable, meaning it can be easily shaped into various configurations. This makes it ideal for use in applications that require complex shapes or tight tolerances.

Paintability. The coating on MAGART steel provides an excellent surface for paint adhesion. This means that it can be easily painted with an unlimited variety of colors and finishes.

Sustainability. The production of MAGART steel needs less use of zinc for a long-lasting life cycle.

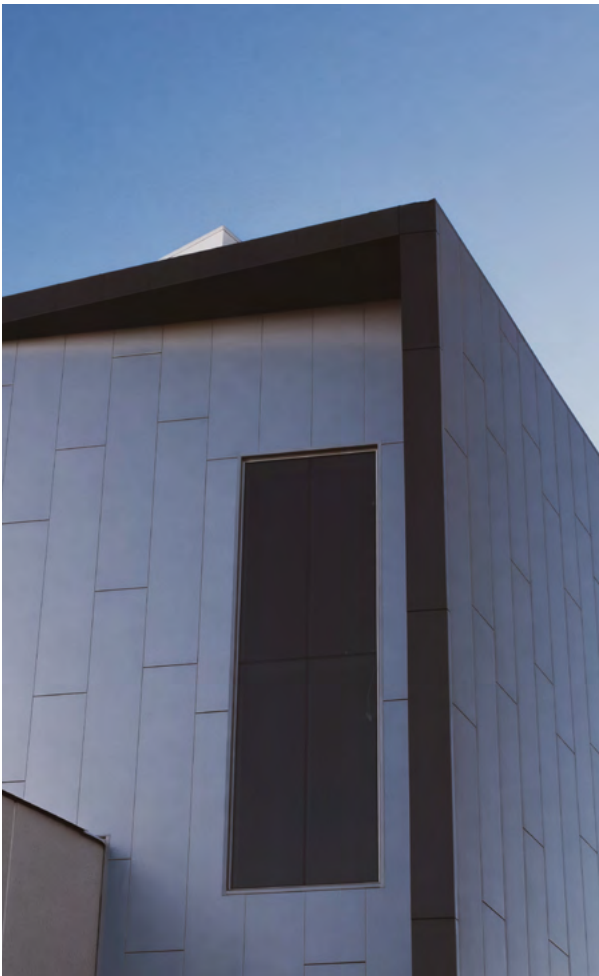
Applications. With its outstanding anti-corrosion properties, MAGART has a wide range of applications. Roofing, siding, flat profile, sandwich panel, sectional door panels and many more.

Superior surface resistance.

MAGART provides a protective shield that gives the same or even better appearance, functionality and durability. This property is highly valued in various industries and applications where surface protection and aesthetics are paramount.

Extended lifespan. MAGART contributes to the longevity of end products in which it is used. This provides numerous advantages such as cost savings, sustainability, improved reliability and customer satisfaction.





SIDING



FLAT PROFILE



CASSETTE-PROFILE



Technical specifications and capabilities.

ZM-PP & ZM-HDG

Feasibility in terms of dimensions*,
Steel grades and ZM coating mass

HDG line upgraded capabilities

► **Galvanized coating layer**

- Z80 to Z450 max
- ZM60/ZM80 to ZM310 max

► **Metallic substrate:**

- Thickness: 0.40 – 3 mm
- Width: 750 – 1540 mm

► **Yield strength range**

- From 150 MPa to 600 MPa

* Temporary limitations may apply to some formats and/or products -
Please contact our technical team for any questions or further information.

Steel grades

► **Mild steels**

- DX51D
- DX52D

► **Structural steels**

- S220GD to S350GD
- S390GD to S450GD (at horizon 2024)

NLMK Z-ZM correspondences

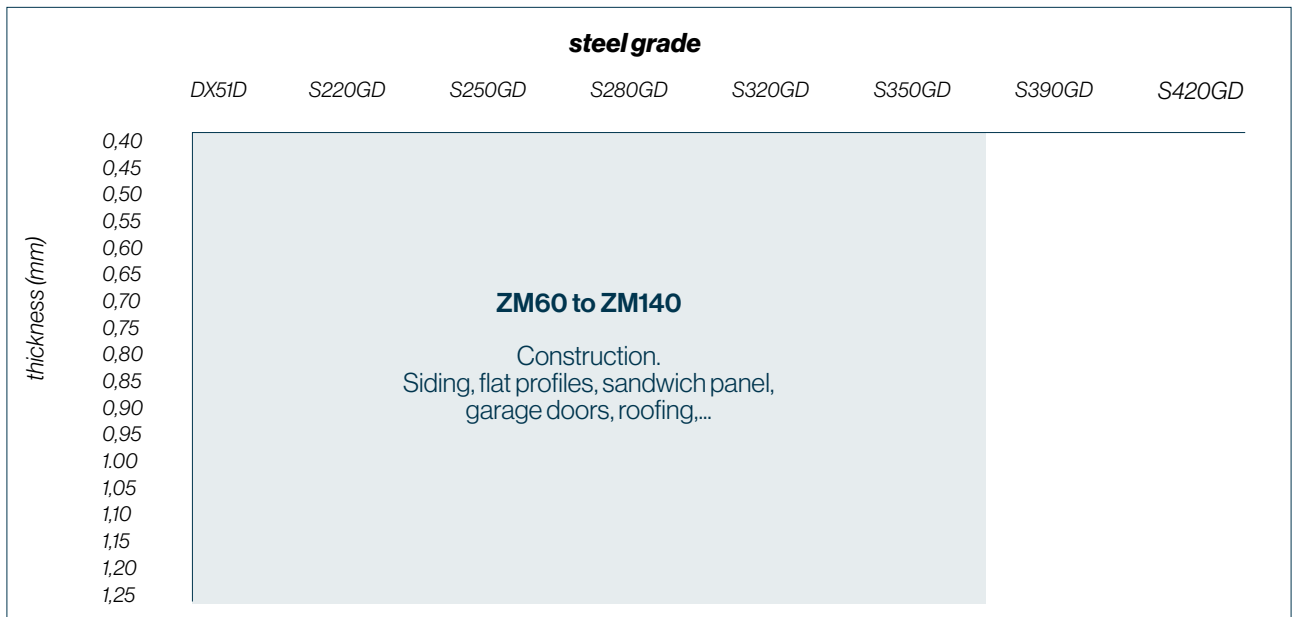
Z	ZM
Z100	ZM60 ⁽¹⁾ /ZM80 ⁽²⁾
Z225	ZM120
Z275	ZM140

¹Prepainted steel

²Galvanized steel

ZM-PP Products

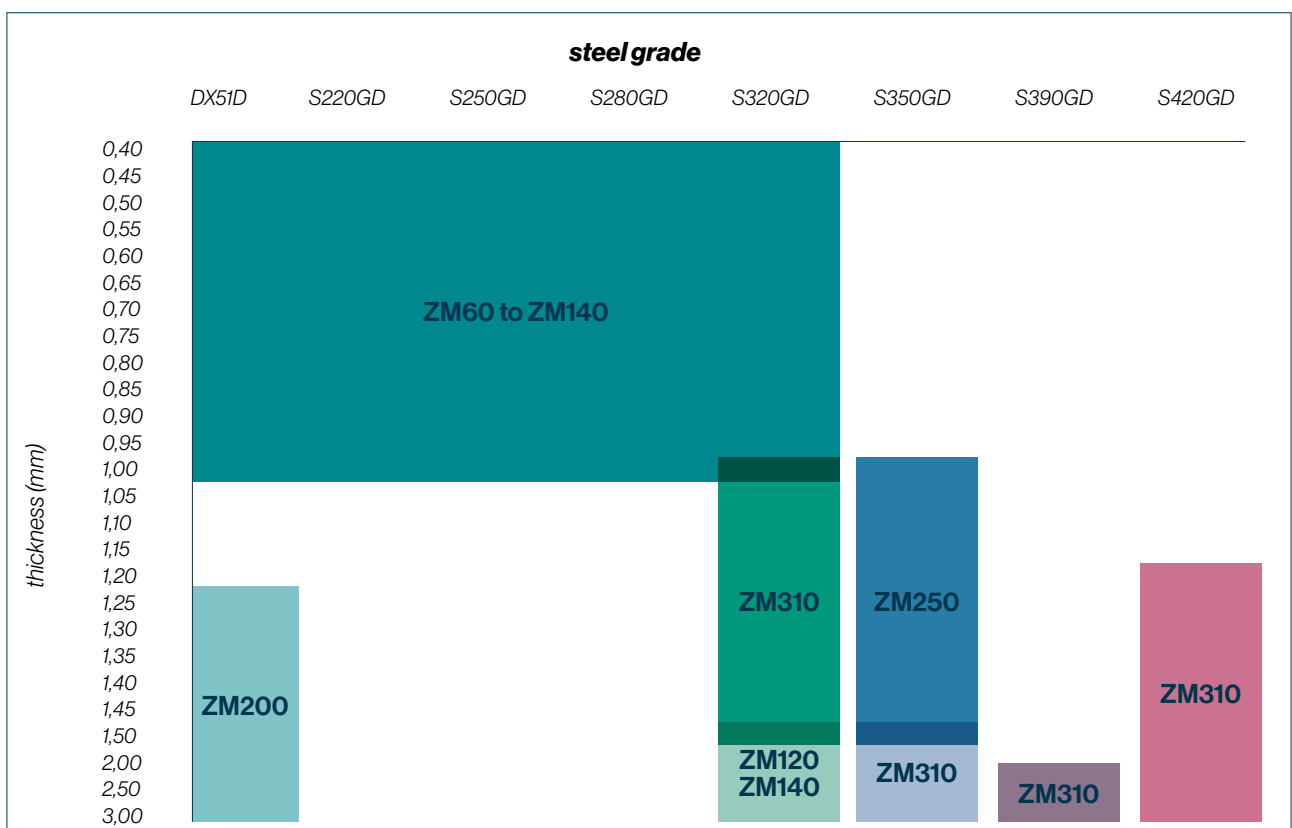
Steel grades vs formats and applications



For paint systems and applications, please contact our technical team.

ZM-HDG Products

Steel grades vs formats and applications



- Building envelope/
Structural parts
- Frames houses
- Modular construction
- Solar panel
- Sliding system as indoor/outdoor
closure systems (doors, garage
doors, shutters...)
- Purlins
- Scaffold plank
Solar panel
- Motorway
safety barriers



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