



# METALMALLA

PRODUCT CATALOG

[www.metalmalla.com](http://www.metalmalla.com)



# YOUR SAFETY IS OUR PRIORITY.

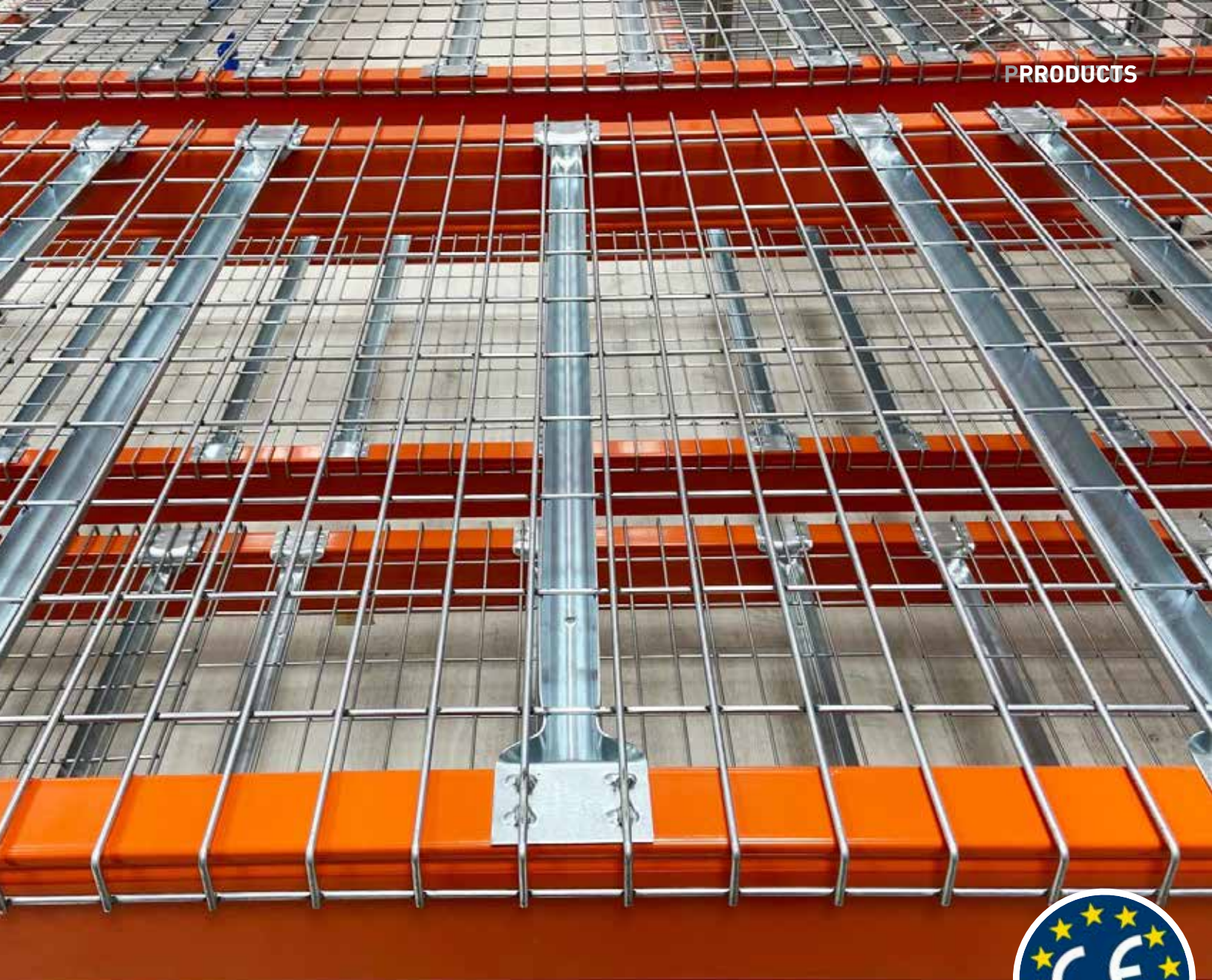
We design, develop and manufacture all kind of mesh decks for all market requirements.

We are aware of the large number of customers who carry out their own manufacturing, which is why we supply electrowelded meshes in several types of formats and versions, corrugated mesh and rods supply.

**Which kind of mesh deck do you need?** Do not worry, we take care of it. Our technical team will advise you on the best solution for you because versatility and innovation are our main strengths. We meet the needs in the surface finish you require in a short time thanks to the agility of our team, both human and technological.

- Picking or cash and carry mesh decks
- Special mesh decks such as safety meshes for pallets in Rack shelves.
- Divider meshes
- Backing mesh decks
- Guards and grills
- Special custom-built protections





## META-C DECKS FOR RACK SHELVES

Designed to adapt itself to any Rack-type shelving and to support pallet's load preventing them from falling due to impacts or wrong placement.

It allows the customer to use diverse pallets of any size (even if they do not rest on the beams, such as Düsseldorf pallets).

It is supplied both zinc plated and pre-galvanised.

# Advantages

- This design allows the meshes to be folded upwards, in such a way that they retain the pallet preventing its falling between stringers.
- Düsseldorf pallets (800x600mm) can be placed without the need to use slave pallets.
- Especially useful for irregular pallets of any non-standard size which cannot be supported on the beams, both for heavy and light loads.
- For special charges, such as containers, it is tailored reinforcing the support leg area. Each case is studied in order to obtain the best solution to achieve the best custom design.
- Versatility and ease of assembly provide speed, without dismantling levels, unloading shelves and being able to assemble in progressive layers over time.



# Characteristics

- This mesh offers increased fire safety by allowing water from the sprinkler to pass through it.
- It facilitates the visibility of stock on the upper levels and the passage of light to the lower levels. It also favours the visibility of the forklift operator to be able to position himself or pick up a pallet.
- It promotes a clean environment as no dust accumulates on the levels.





## PICKING MESH DECKS

This mesh deck is designed to fit any manually loaded rack, especially for parcels and uneven loads and it can be used for both light and heavy loads.

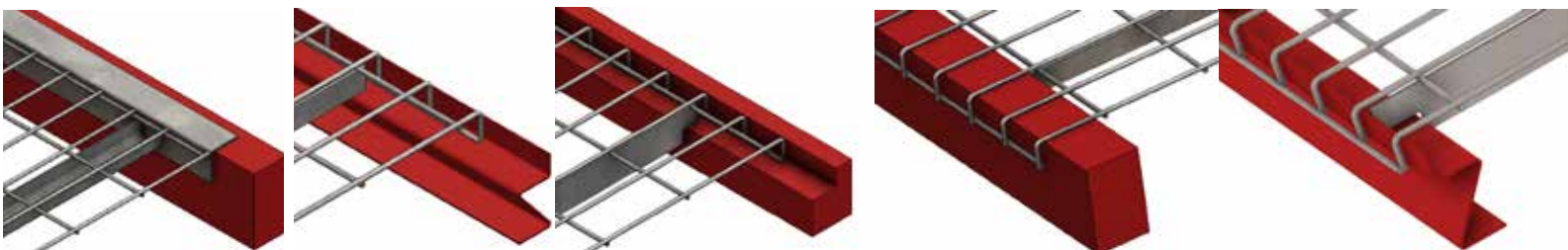
Supplied in both zinc plated and pre-galvanised finishes.

The mesh is made to measure for each order, depending on the loads, weights and types of rack beams.



## Advantages

- The mesh is available in any required rod distribution according to the needs of each case.
- The quantity and place of the reinforcement are determined by the dimensions and weights of the loads that might be supported.
- This design allows the meshes to be folded upwards, in such a way that they retain the pallet in case something falls from behind.
- The end caps are perfectly integrated and can be adapted to any type of crossbar.
- Its design ensures that no sharp areas are exposed, allowing sliding without risk to both the load and the operator.
- Meshes can be made with separated rods (for light weight) or very close together (for heavy weight or light reduction between rods).





## DIVIDER MESH

It is used to divide the picking levels vertically and to separate the stored goods by types, sizes, etc.

Whether if it is a hanging or a fixed separator, this mesh is attached to the level mesh. It custom-designed according to the customer's needs and can also be manufactured to be assembled directly on the shelving's struts.





## Advantages

- It can be manufactured in any finish
- Thanks to its light weight, it can be used in light and medium loading shelving.
- It allows light to pass through and visibility of the goods.
- It has beveled rods to prevent stored products from being damaged and operators from getting hurt.





# BACKING DECK MESH

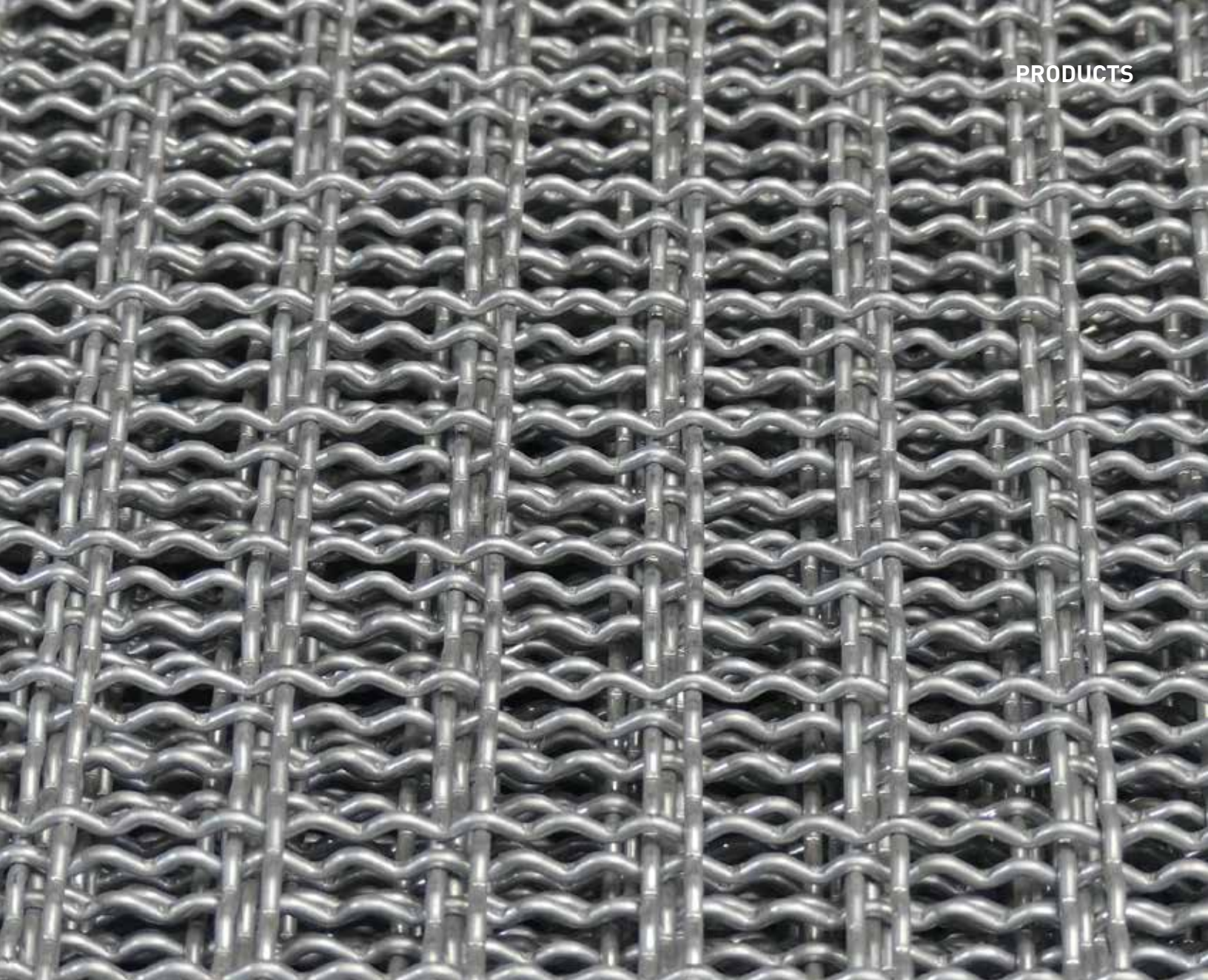
It is a light mesh (100x50mm), which is placed on the back side of Rack shelves, to prevent loose material from falling (not whole pallets).

# Advantages

- Its wire structure makes it both light and rigid. When a heavy weight is dropped, the rods deform before breaking.
- It allows visibility of the stored goods.
- The ease of assembly, with conventional screws, makes it ideal for protecting pedestrian aisles, elevated aisles and any Rack that stores pallets with unstrapped goods, or for picking shelves or cash and carry warehouses.

Length of struts (mm)	Mesh height	Distance to the shelf (mm)
from 1000 to 3000	1000/1500	50/100/150/200





# CORRUGATED MESH DECK

It is manufactured in grey and galvanized steel wire. It comes in a variety of calibers, spans and heights, so that its strength, safety and functionality adapt to the requirements of each project.



## Advantages & Characteristics

Metal mesh formed by pre-corrugated wires that are interwoven, forming a compact weave, achieving great rigidity and versatility, for various applications such as protections, decorative fabrics, etc.

It allows us to manufacture mesh sizes from 6 mm to 100 mm with wires from Ø 2.00 mm to Ø 6.00 mm.

We have a wide range in stock which is detailed in the following table:

Mesh size	Ø Wire diameter Galvanized/Grey	Length (mm)	Width (mm)
20x20	3	2000	1000
20x20	3	2000	2000
20x20	3	3000	1500
30x30	3	2000	1000
30x30	3	2000	2000
30x30	3	3000	1500
40x40	4	2000	1000
40x40	4	2000	2000
40x40	4	3000	1500



# ELECTROWELDED MESH

The most versatile option, with an infinite number of practical applications for industry thanks to the variety of materials, diameters and finishes. It adapts to any need and project of its own manufacture: containers, line protection, machinery protection, grills, etc.

# Advantages

Our state-of-the-art welding machinery has allowed us to specialize in tailor-made production, so that we can offer a wide range of possibilities with the highest quality.

# Characteristics

- Measures: from 250 x 300 to 3000 x 1600
- Mesh: minimum mesh size from 20 x 20 mm to 500 x 500 mm, in a wide range of combinations.
- Wires: from Ø2,5 to Ø10.
- Qualities: grey, galvanized and stainless steel (304, 316, etc.) \*Always UE quality.

We also have a wide variety of panels in stock, with all reflected qualities and different mesh sizes:

Type of mesh	Rod Ø	Lentgh mm	Width mm			Finish	
						Grey	Galvanized
20x20	3	2000	1000				X
30x30	3	2000	1000			X	X
30x30	3	3000	1000			X	
40x40	3,9	2000	1000			X	X
50x50	3,9	2600	1000	1500	1800	X	X
50x50	4,9	2600	1500 1800			X	
50x50	4,9	3000	1000			X	
100x50	3,9	2600	1000	1500			X
300x50	4,9	2600	1500 1800			X	X

Type of mesh	Rod Ø	Lentgh mm	Width mm			Finish
						Inox 304
20x20	3	2000	1000			X
30x30	3	2000	1000			X
50x50	3	2000	1000			X
50x50	4	2000	1000			X

The manufacturing process is controlled and verified from the input of raw materials to the output of the finished product.



# SUPPLY OF RODS

We cut and supply steel rods made to measure on demand. We supply any industry that needs material for its own consumption.





## Characteristics

We have a large stock of steel material in coil or reel in all qualities: grey or bright, stainless, galvanized, knurled and braided.

We also supply cut rods of all diameters, in lengths from 100 mm to 6 metres (6000 mm). We have rods in stock from Ø2mm to Ø12mm in diameter.

We use the latest technology in straightening and cutting, wich allows us to work with any type of material and with short delivery times. We ship anywhere in Europe.



# COMMERCIAL DEPARTMENT CONTACTS

## Sales Manager:

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## Rack Mesh Decks / Picking Mesh Decks / Backing Mesh Decks (Spain):

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## Electrowelded Industrial Mesh / Tailor-made product / Machinery protection / Rod supply:

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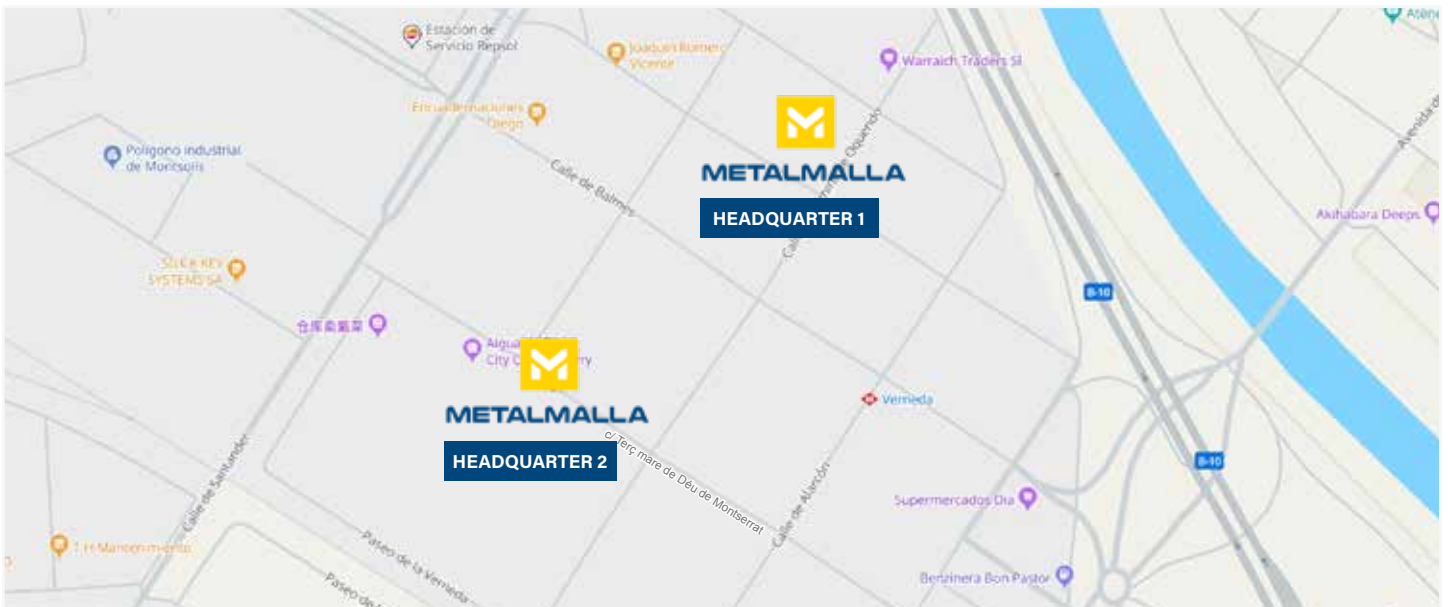
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## Headquarter 2 (Factory):

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