

Moreda Riviere Trefilerías

MINI CATALOGUE EXPORT



MRT IN ESSENCE



Moreda Riviere Trefilerías (MRT) is the leading fencing manufacturer in Spain and one of the main references in Europe. Its more than 150 years of experience are reflected in the quality of its products and services, which, moreover, have resulted in a continuous growth over the last 10 years, as well as an ever wider range.



**LEADER
IN SPAIN**



2 FACTORIES
GIJÓN: 85,000 m²
BARCELONA: 180,000 m²



**+ 400
EMPLOYEES**



**+ 60
COUNTRIES**



**+ 140,000
TONS PER YEAR**

As workplace safety is a priority, MRT constantly strives to ensure an injury-free and illness-free work environment for everyone who participates in its activities. And this, even going beyond the legal requirements, for example by completely eliminating the use of triglycidyl isocyanurate (TGIC) in the manufacture of its plasticized products. These efforts have been rewarded by obtaining ISO 45001:2018 certification.

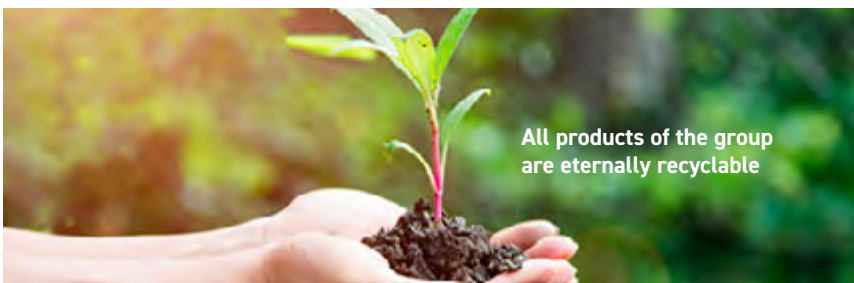


MRT is an environmentally friendly company and as such has ISO 14001:2015 certification for the manufacture of fences and wires.

STRENGTH OF CELSA GROUP™

MRT benefits from a privileged situation because it belongs to CELSA Group™, the leading private steel group in Spain. In fact, the wire rod, MRT's main raw material, is manufactured by CELSA Group™, thus allowing internal control of the entire production process and exceptional traceability of the products manufactured.

28,000 + direct and indirect jobs
Turnover: 5 billion + euros / year
Production: 7 million + tons / year
8 million tons a year of recycled scrap



With more than 120 work centers in 11 countries, CELSA Group™ is the leading circular steel producer in Europe. To date, 93% of the material used for its steel production comes from recycling and 100% of the products manufactured are infinitely recyclable.

CELSA Group™ has set itself 2 objectives for 2025: to eliminate all waste from its production and reduce by 70% its CO2 emissions, level 1 and 2. And for 2040, to be the first industrial company "Net positive".



**1st Producer of Circular Steel
in Europe**

OUR VALUES

HONESTY - HUMILITY - CREATIVE PERSEVERANCE - GROUNDBREAKING APPROACH - TEAMWORK - PASSION

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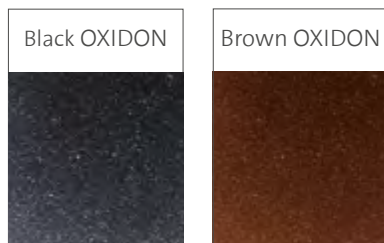
10 RAL STANDARD COLOURS

From 10 units if the reference is not stockable

(Considering Panels, Posts, Fences, Gates)



OXIDON



From 10 units

(Considering Panels, Posts, Fences, Gates)

MORE THAN 200 RAL COLOURS AVAILABLE



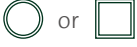



From 10 units








(Considering Panels, Posts, Fences, Gates)

GUIDE


SYMBOLS

| | |
|---|------------------|
|  | Mesh size |
|  | Diameter |
|  | Profiles section |
|  | Length |


WIRES RANGE

| | |
|---|--|
|  | Commercial galvanized - D CLASS - standard UNE-EN 10244-2 |
|  | Heavy galvanized - A CLASS - standard UNE-EN 10244-2 |
|  | Heavy galvanized (A class) + ECOVER®  |
|  | ZnAl® A, B or AB CLASS  |
|  | Commercial galvanized (D class) and PVC coated |

COLOURS

| | |
|---|--|
|  | Other RAL colours and Oxidon available |
|---|--|

WARRANTY

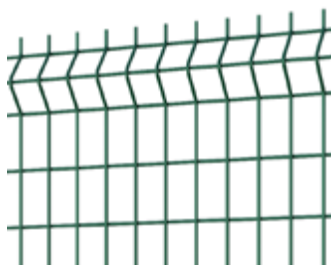
| | |
|---|---|
|  | 10 Years warranty - Consult applicable conditions |
|---|---|

NOVELTY

| | |
|---|---------|
|  | Novelty |
|---|---------|

The powder coated welded panels guarantee robustness and aesthetics to the closure.
Complementary posts: HÉRCULES®, QUICKFIX®, PROFIX®, EASYCLIP® and 60x60 MRT.

A - RESIDENTIAL PANELS



Excellent price/quality.

BRICO-HÉRCULES®

∅ 4.00 mm 100x55 mm

| | | |
|-------------|----------------------------|--|
| Height (mm) | From 625 To 2,025 | |
| Length (mm) | 2,500 | |
| Finish | Galvanized & powder coated | |

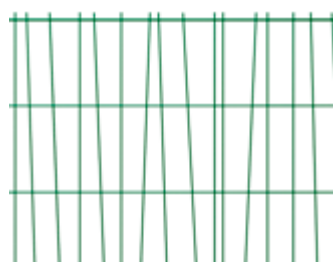


The ideal solution for your garden.

ECO

∅ 4.00 mm 200x55 mm

| | | |
|-------------|----------------------------|-----------------------------------|
| Height (mm) | From 625 To 2,025 | Green 6005 Grey 7016 |
| Length (mm) | 2,000 | |
| Finish | Galvanized & powder coated | |



An aesthetic and economical solution. Double horizontal wire on the top and bottom the fence.

EXOTIC® PANEL

∅ 5.00 mm Randomly distributed vertical welded wires

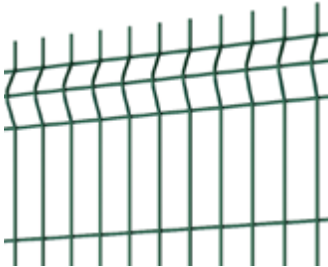
| | | |
|-------------|----------------------------|--|
| Height (mm) | 925 / 1,225 / 1,525 | |
| Length (mm) | 2,000 | |
| Finish | Galvanized & powder coated | |



06.22

HÉRCULES® PANEL

B - PROFESSIONAL PANELS

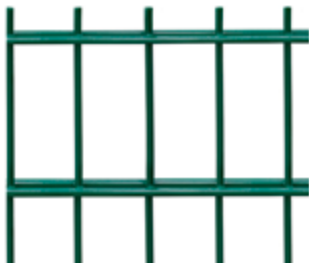


HÉRCULES®

∅ 5.00 mm 200x55 mm

| | | |
|-------------|--|--|
| Height (mm) | From 625 To 2,425 | |
| Length (mm) | 2,500 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

The market benchmark. It's ideal for industrial estates, office buildings, airports, parks and gardens.



DOUBLE WIRE

∅ V 5.00 mm H 6.00 mm or ∅ V 6.00 mm H 8.00 mm 200x55 mm

| | | |
|-------------|--|--|
| Height (mm) | From 800 To 2,000 | |
| Length (mm) | 2,490 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

Optimal strength and rigidity for sites that demand a high level of security.



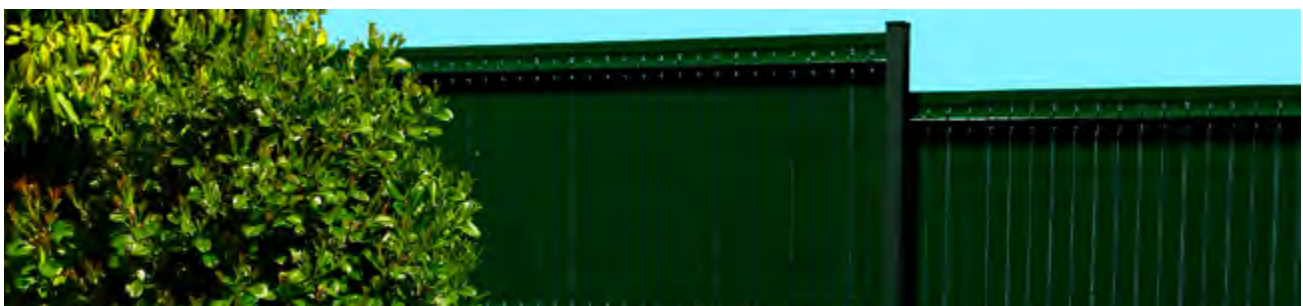
PVC HÉRCULES® PRIVACY KIT

· PVC slats

| | | | | | |
|-------------|---------------------|------------|-------|------------|--|
| Height (mm) | From 1,025 To 1,925 | | | | |
| Colours | Quartz | Light wood | Green | Anthracite | |

* Available only in green and anthracite colours.

The privacy kit is composed by PVC slats. It's compatible with all our panels with bends of 2.00 and 2.50 m length and requires no maintenance.



PVC HÉRCULES® PRIVACY KIT

MRT fences combine safety, robustness and elegance.



FRAMED PLUS

← L → 2700 mm 300x50 mm V 5.00 mm
H 6.00 mm

| | | |
|-------------|--|--|
| Height (mm) | From 700 To 2,200 | |
| Frame (mm) | horizontal 40x40x1.5 / vertical 30x30x1.5 | |
| Finish | Galvanized & powder coated / Post-galvanized | |



BAR PLUS

← L → 2700 mm Bars: 35x35x1.5 mm Space between bars: 90 mm

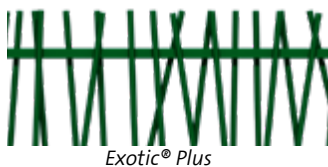
| | | |
|--------------------------|--|--|
| Height (mm) | From 600 To 2,400 | |
| Horizontal profiles (mm) | 40x40x1.5 | |
| Finish | Galvanized & powder coated / Post-galvanized | |



BEVELED PLUS

← L → 2700 mm Bars: 25x25x1.5 mm at 45° Space between bars: 91.72 mm

| | | |
|--------------------------|--|--|
| Height (mm) | From 600 To 2,000 | |
| Horizontal profiles (mm) | 40x40x1.5 | |
| Finish | Galvanized & powder coated / Post-galvanized | |



EXOTIC® PLUS

← L → 2,475 mm 32 Bars: Ø 25x1.5 mm

EXOTIC® PLUS NOT POINTED



| | | |
|--------------------------|--|--|
| Height (mm) | From 600 To 2,400 | |
| Horizontal profiles (mm) | 40x40x1.5 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

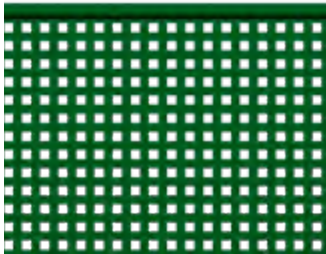


BALI® PLUS

← L → 2,475 mm 32 Bars: 25x25x1.0 mm

| | | |
|--------------------------|--|--|
| Height (mm) | From 600 To 2,400 | |
| Horizontal profiles (mm) | 40x40x1.5 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

MRT fences, easy and quick assembly, without welding. Each MRT fence is offered with its equivalent gate.



PERFORATED PLUS

← L → 2475 mm

Galvanized plate.
Thickness: 1.5 mm

Perforation:
30x30 mm

Height (mm)

From 600 To 1,500

Frame (mm)

horizontal 40x40x1.5 / vertical 30x30x1.5

Finish

Galvanized & powder coated



ONDAS PLUS

← L → 2700 mm

Bars:
Ø 20x1.5 mm

Space between bars:
100 mm

Height (mm)

From 600 To 2,000

Horizontal profiles (mm)

40x40x1.5

Finish

Galvanized & powder coated / Post-galvanized



According to standard UNE-EN1176-1



DIABOLO PLUS

← L → 2475 mm

Bars:
Ø 25x1.5 mm

Space between bars:
70 mm

Height (mm)

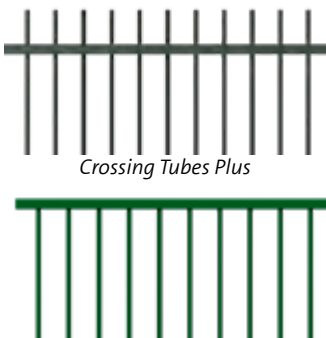
From 600 To 2,000

Horizontal profiles (mm)

40x40x1.5

Finish

Galvanized & powder coated / Post-galvanized



CROSSING TUBES PLUS TUBES PLUS

← L → 2,700 mm

Bars:
Ø 20x1,5 mm

Space between bars:
100 mm

Height (mm)

From 600 To 2,000

Horizontal profiles (mm)

40x40x1.5

Finish

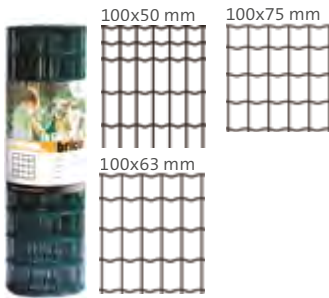
Galvanized & powder coated / Post-galvanized



BALI® PLUS

A - JARDITOR®

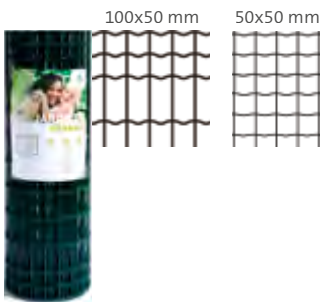
Jarditor® is a PVC coated welded mesh, ideal for fencing gardens and residential areas. Its wavy horizontal wires and its upper edge give good aesthetics and robustness.



The economy version.

| | | | |
|------------------------|---|-----------------|-----------|
| JARDITOR® BRICO | | ← L → 10 / 25 m | ∅ 2.10 mm |
| Height (mm) | From 600 To 2,000 | | Green |
| Mesh (mm) | 100x75 / 100x63 / 100x50 | | Grey * |
| Finish | Galvanized & PVC coated by fluidisation | | Grey * |

* It's only available for Jarditor® Brico 100x50 in 1.00m, 1.20m & 1.50m high.



The universal version.

| | | | |
|--------------------------|---|------------|-----------|
| JARDITOR® CLASSIC | | ← L → 25 m | ∅ 2.50 mm |
| Height (mm) | From 600 To 2,000 | | Green |
| Mesh (mm) | 50x50 / 100x50 | | Grey * |
| Finish | Galvanized & PVC coated by fluidisation | | Grey * |

* It's only available for Jarditor® Classic 100x50 in 1.00m, 1.20m, 1.50m, 1.80m & 2.00m high.



The premium version.

| | | | |
|------------------------|---|------------|-----------|
| JARDITOR® SUPER | | ← L → 25 m | ∅ 3.00 mm |
| Height (mm) | From 1,000 To 2,000 | | Green |
| Mesh (mm) | 50x50 | | Green |
| Finish | Galvanized & PVC coated by fluidisation | | Green |

B - FLORITOR®



To delimit the flowerbeds, gardens and orchards.

| | | | |
|------------------|--------------------------------------|------------|------------------------|
| FLORITOR® | | ← L → 10 m | V 3.00 mm H 2.00 mm |
| Height (mm) | From 400 To 900 | | Green |
| Mesh (mm) | 155x85 | | Green |
| Finish | Galvanized & PVC coated by extrusion | | Green |


Characterized by its diamond-shaped meshes, the chain link mesh is the guarantee of an economical solution that fits all types of terrain. It's installation can be done with either Quickfix, preassembled or T-posts.

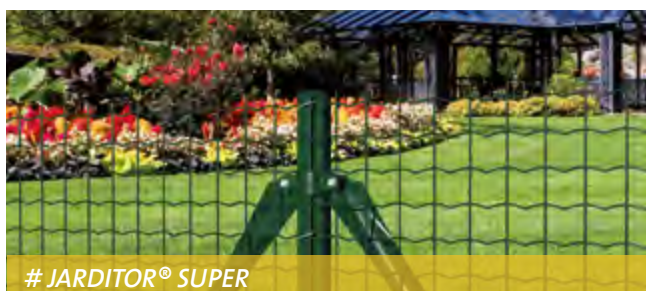


| | | | |
|-------------------|---|----------------------------------|------------------------|
| GALVANIZED | | ← L → 10 / 12,5 / 15 / 18 / 25 m | ∅ from 1.80 to 3.90 mm |
| Height (mm) | From 650 To 4,000 | | |
| Mesh (mm) | 30X30 / 40X40 / 50X50 | | |
| Finish | D class galvanized / A class galvanized | | |




| | | | |
|-------------------|--------------------------------------|---------------------------------------|------------------------|
| PVC COATED | | ← L → 10 / 12,5 / 15 / 18 / 20 / 25 m | ∅ from 1.80 to 4.40 mm |
| Height (mm) | From 650 To 4,000 | | |
| Mesh (mm) | 40x40 / 50x50 | | |
| Finish | Galvanized & PVC coated by extrusion | | |

Green 



A - RESIDENTIAL RANGE

L End-Turner



| T POST | | <input type="checkbox"/> Powder coated Post: 30x30 35x35 (H 2.50m) | <input type="checkbox"/> Post-galva post: 30x30 (H 1.50 et 1.70 m) 35x35 (H 2.00 et 2.50 m) |
|---------------|--|--|---|
| Height (mm) | From 1,000 To 2,500 | | |
| End-turner | 25x25 mm (Powder coated) - 30x30 mm (Post-galva) | | |
| Finish | Powder coated on grey steel / Post-galvanized | | |


Green
6005

Grey *
7016

* Available in 1.50m, 1.75m & 2.00m high.

It can be installed with chain link mesh and with Jarditor® welded mesh.

Quickfix® End-Turner



| QUICKFIX® | | <input type="checkbox"/> Post: Ø 48 / 80 mm | <input type="checkbox"/> End-Turner: Ø 38 / 48 mm |
|----------------------|---|--|--|
| Height (mm) | From 650 To 3,000 | | |
| Resistance I/V (cm³) | 2.01 / 5.89 | | |
| Finish | Galvanized / Galvanized & powder coated | | |

Its round profile and its zipper allow quick and easy installation. Post with optional welded base.

Accessories:

1- Bracket:
polyamide / metallic



2- Metallic fixing accessory for:
panels / mesh



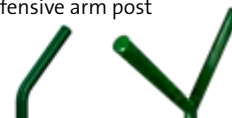
3- Polyamide
Post Base



4- Polyamide
End-Turner Base



Option- Post with
defensive arm post



PREASSEMBLED POST

Post:
Ø 48 mm

End-Turner:
Ø 38 mm

Height (mm) **From 1,250 To 2,350**

Resistance I/V (cm³) **2.01**

Finish Galvanized / Galvanized & powder coated

Galv

Green
6005

It is supplied with all accessories assembled. It exists in start post (right/left), intermediate post, reinforcement post and corner post version.

Accessories:

1- Steel Post Base



2- Steel End-Turner Base



B - PROFESSIONAL RANGE



EASYCLIP® POST



| | | |
|----------------------|---|----------------|
| EASYCLIP® | | Post: 66x50 mm |
| Height (mm) | From 700 To 3,200 | |
| Resistance I/V (cm³) | 7.18 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

High strength and adaptability. It allows 90° angles and absorbs all degrees of gradient.

Accessories:

1- Easyclip® Brackets
polyamide / aluminium / inox.



2- Easyclip® Post Bases
aluminium / steel / frontal steel



3- Reversible
Arm post



4- Double welded
Arm Post



| | | |
|----------------------|---|----------------|
| PROFIX® | | Post: 66x50 mm |
| Height (mm) | From 700 To 2,700 | |
| Resistance I/V (cm³) | 6.15 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

This post does not require accessories. It is an inviolable system. Quick and easy to install solution. Post with optional welded base.

Accessories:

1- Bag of 12 blockers



2- Profix® Post Bases
aluminium / ECO aluminium / steel / frontal steel



3- Repair Post





HÉRCULES®

Post: 60x40 mm

| | | |
|----------------------|---|--|
| Height (mm) | From 650 To 3,200 | |
| Resistance I/V (cm³) | 4.72 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

This rectangular post allows sequential installation (all posts and then all panels). Post with optional welded base.

Accessories:

1- Polypropylene Hércules® Bracket



2- Steel Ultrafix® Bracket



3- Steel Hércules® Staple



4- Hércules® Base: aluminium / steel



5- Reversible or Double welded Arm post



Hércules® Post Union



60x60 MRT

Post: 60x60 mm

| | | |
|----------------------|---|--|
| Height (mm) | From 650 To 3,200 | |
| Resistance I/V (cm³) | 6.68 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

This square post allows the sequential installation (all posts and then all panels). Post with optional welded base.

Accessories:

1- Polyamide Staple



2- Welded Arm Post



3- Double welded Arm Post



WALL ACCESSORY

| | |
|-----------------|-----------------|
| Dimensions (mm) | 45x40x8 |
| Finish | Stainless steel |

This accessory is used to attach a panel in a wall without using a post.

C - FENCES RANGE



- To dig in
- With welded base

ROUND Ø 60

Post: Ø 60 mm

| | | |
|----------------------|---|--|
| Height (mm) | From 670 To 2,900 | |
| Resistance I/V (cm³) | 5.11 / 7.29 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

This round post is compatible with all MRT fences.

Accessories:

1- Metallic Bracket

*Supplied with necessary screws for the intermediate or corner post.



- To dig in
- With welded base

SQUARED 60x60

Post: 60x60 mm

| | | |
|----------------------|---|--|
| Height (mm) | From 670 To 2,900 | |
| Resistance I/V (cm³) | 6.51 / 8.48 | |
| Finish | Galvanized / Galvanized & powder coated / Post-galvanized | |

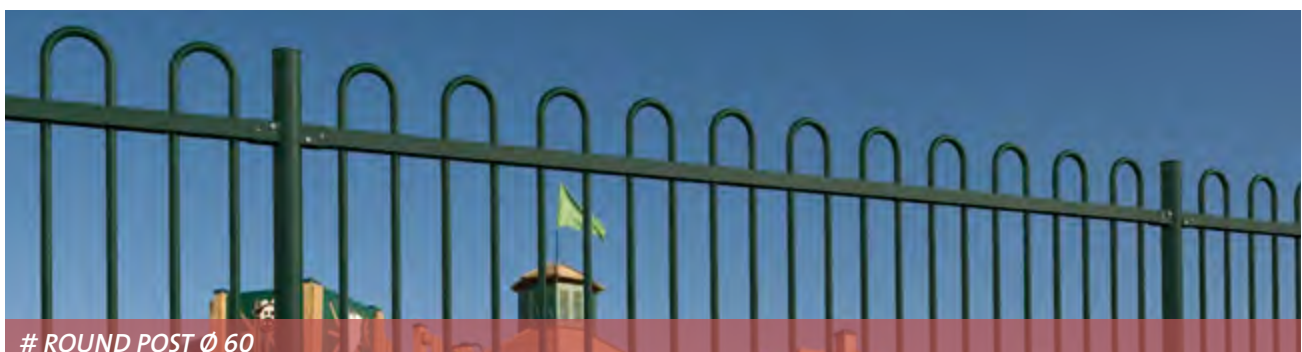
This square post is compatible with all MRT railings. It is available in intermediate or corner version and for with or without overtake bars.

Accessories*:

1- Metallic Invisible fastener

2- Metallic Variable Angle Attachment

*Supplied with necessary screws for the intermediate or corner post.



ROUND POST Ø 60

D - INSTALLATION ACCESSORIES

MRT offers you complete installation accessories that fit all systems.



LINE WIRE

| | | |
|------------------|--------------------------|-----------|
| Roll length (m)* | 50 / 100 | Galv |
| Finish | Galvanized & PVC coated | Green |
| Diameter (mm) | From 1.60 To 2.80 | Grey |

Wire designed for stretching a mesh for better installation.

* For other displays see page 32



TIE WIRE

| | | |
|-----------------|--------------------------|-----------|
| Roll length (m) | 50 | Galv |
| Finish | Galvanized & PVC coated | Green |
| Diameter (mm) | From 0.75 To 1.50 | Grey |

Wire for fixing the mesh to the line wire, replacing the staples.

QUICKFIX® TENSIONERS:



Available in galvanized or PVC coated (green) finish.

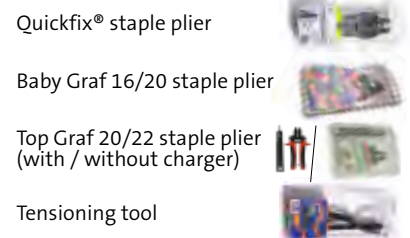
Galv Green

STAPLES:



Quickfix® staples are used to fix the mesh to the post.
N°16 galvanized staples and N°20 PVC coated staples are used to fix the mesh to the line wire.

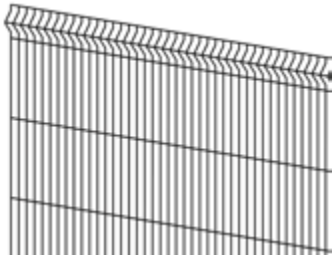
STAPLE PLIERS:



Quickfix® staple plier is used to fix staples to the post.
Tensioning tool is used to accentuate the undulation of the JARDITOR® PVC coated welded mesh.

MRT SAFETY LIGHT SYSTEM

The pannels, posts and fixations have been tested in accordance with the impact test recommendations of Annex C of the revised ISO 14120:2015 standard. The system withstood an impact of 800 joules. It complies with the regulations and the machinery directive 2006/42/EC. Coating: galvanized & powder coated.



SAFETY LIGHT PANEL

∅ 4,00 mm

| | |
|-------------|----------------|
| Mesh (mm) | 150 / 200 x 20 |
| Height (mm) | 1,355 / 1,855 |
| Length (mm) | 1,500 |

Black

9005



Fully adaptative panel, it can be custom cutted.



· With welded base

SAFETY LIGHT POST

Post: 60x40 mm



Safety Light Staple (unmissable screws)

| | |
|----------------------|---------------|
| Height (mm) | 1,530 / 2,030 |
| Resistance I/V (cm³) | 4,72 |

Yellow

9021

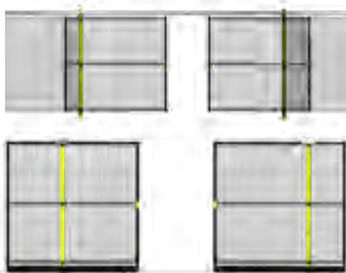


SAFETY LIGHT SWING GATE

| | |
|-------------|---------------------|
| Height (mm) | 1,500 / 2,000 |
| Width (mm) | From 1,000 To 4,000 |

Black Yellow

9005 9021

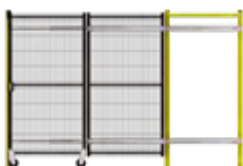


HANGING OR SLIDING GATE

| | |
|-------------|---------------------|
| Height (mm) | 1,500 / 2,000 |
| Width (mm) | From 1,000 To 4,000 |

Black Yellow

9005 9021



TELESCOPIC GATE

| | |
|-------------|---------------------|
| Height (ft) | 1,500 / 2,000 |
| Width (ft) | From 1,635 to 6,010 |

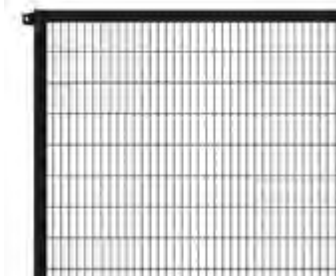
Black Yellow

9005 9021



MRT SAFETY HEAVY SYSTEM

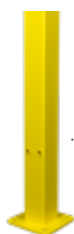
Mesh panels, posts and fixations have been tested in accordance with the impact test recommendations in Annex C of the revised ISO 14120:2015 standard. The system withstood an impact of 1,600 joules. It complies with the regulations and the machinery directive 2006/42/EC. Coating: Galvanized & powder coated.



Possibility of combining fillings.

SAFETY HEAVY PANEL

| | | |
|-------------|--|---------------|
| Fillings | 100x20 mesh / Galvanized sheet / transparent polycarbonate | Black 9005 |
| Height (mm) | 870 / 1,370 / 1,870 / 2,270 | |
| Length (mm) | 325 / 525 / 825 / 1,025 / 1,225 / 1,525 | |



- With welded base

SAFETY HEAVY POST

| | | |
|---------------------|-------------------------------|----------------|
| | Post: 60x60 mm | |
| Height (mm) | 1,030 / 1,530 / 2,030 / 2,430 | Yellow 9021 |
| Resistance I/V (cm) | 6.68 | |

Components and accessories:

1- Safety Heavy Fixation System



2- Cutting Kit

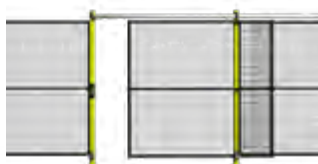


3- Adaptable Corner Kit



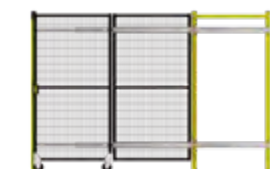
SAFETY HEAVY SWING GATE

| | | | |
|-------------|---------------------|---------------|----------------|
| Height (mm) | 1,000 / 2,400 | Black 9005 | Yellow 9021 |
| Width (mm) | From 1,000 To 4,000 | | |



HANGING OR SLIDING GATE

| | | | |
|-------------|---------------------|---------------|----------------|
| Height (mm) | 1,000 / 2,400 | Black 9005 | Yellow 9021 |
| Width (mm) | From 1,000 To 4,000 | | |









TELESCOPIC GATE

| | | | |
|-------------|-------------------------------|---------------|----------------|
| Height (mm) | 1,000 / 1,500 / 2,000 / 2,400 | Black 9005 | Yellow 9021 |
| Width (mm) | From 1,635 to 6,010 | | |

MRT SECURITY

MRT Security is synonymous with the latest technology in the market for intrusion detection and perimeter security. We evaluate projects according to the clients' requirements and provide customized solutions to fulfil their needs. Technology, quality and service combine to offer the solution most suited to afford the most comprehensive security:

-  Risk assessment
-  Design and engineering
-  Custom projects
-  Project management and monitoring
-  Comprehensive security plans
-  Installation and maintenance



PERIMETER PROTECTION

VIDEO ANALYTICS



PIEZOELECTRIC SENSORS ON FENCE



GEO-SEISMIC CABLE FOR FOOTSTEP DETECTION



VIDEO ANALYSIS

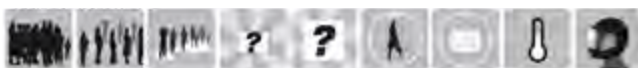
SECURITY



MARKETING



MARKETING & SECURITY



PROCESS CONTROL



A - SWING GATES

A1 - RESIDENTIAL RANGE



| | | | |
|-------------|------------------------------|-----------|---------------|
| ECO | · Single leaf | 200x50 mm | ∅ 4.00 mm |
| Height (mm) | 1,000 / 1,200 / 1,500 | | |
| Width (mm) | 1,000 | | |
| Finish | Polyester powder coated | | |
| | | | Green 6005 |

Swing gate prepared for a padlock. Supplied preassembled with it's round posts ∅ 48 mm.

Components:

1- Adjustable hinges



2- Closure with latch



| | | | |
|--------------------|------------------------------|-----------|---------------|
| RESIDENTIAL | · Single leaf | 100x50 mm | ∅ 4.00 mm |
| Height (mm) | 1,000 / 1,200 / 1,500 | | |
| Width (mm) | 1,000 | | |
| Finish | Polyester powder coated | | |
| | | | Green 6005 |
| | | | Grey 7016 |

Swing gate with a frame welded to the grid. Supplied preassembled with it's round posts ∅ 48 mm.

Components:

1- Adjustable hinges



2- Handle and key lock



| | | | |
|----------------------|-----------------------------|-----------|--|
| EXOTIC® PANEL | · Single leaf / Double leaf | ∅ 5.00 mm | |
| Height (mm) | From 900 To 1,500 | | |
| Width (mm) | From 1,000 To 4,000 | | |
| Finish | Galvanized & powder coated | | |
| | | | |

Swing gate filled with Exotic® panels with bends. Supplied preassembled.

Components:

1- Adjustable hinges Locinox®



2- Stainless steel lock with set of keys



3- Dropbolt (Double leaf)



4- Ground stop (Double leaf)



OPTION:
Aluminium gate hold-back catch



A2 - PROFESSIONAL RANGE



According to UNE EN 13241-1

HÉRCULES®

· Single leaf / Double leaf

200x55 mm \varnothing 5.00 mm

| | |
|-------------|--|
| Height (mm) | From 1,000 To 2,400 |
| Width (mm) | From 1,000 To 8,000 |
| Finish | Galvanized & powder coated / Post-galvanized |



Swing gate filled with Hércules® panels with bends. Supplied preassembled.

Components:

1- Adjustable Locinox® hinges



2- Stainless steel lock with set of keys



3- Dropbolt (Double leaf)



4- Ground stop (Double leaf)



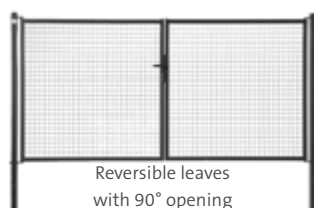
OPTIONS:
Defensive Profile



Hydraulic Gate closer



Aluminium gate hold-back catch



Reversible leaves with 90° opening

CLASSIC MESH

· Single leaf / Double leaf

50x50 mm \varnothing 4.00 mm

| | |
|-------------|--|
| Height (mm) | From 1,000 To 2,000 |
| Width (mm) | From 1,000 To 4,000 |
| Finish | Galvanized & powder coated / Post-galvanized |



Swing gate with a filling of welded mesh. Supplied preassembled.

Components:

1- Adjustable Locinox® hinges



2- Stainless steel lock with set of keys



3- Dropbolt (Double leaf)



4- Ground stop (Double leaf)



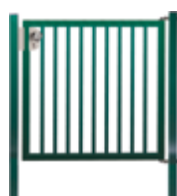
OPCIONES:
Defensive Profile



Aluminium gate hold-back catch



According to UNE EN 13241-1 & EN1176-1



DIABOLO PLUS

· Single leaf / Double leaf

Vertical bars \varnothing 25x1,5 mm

| | |
|-------------|--|
| Height (mm) | From 1.000 To 2.500 |
| Width (mm) | From 800 To 2.400 |
| Finish | Galvanized & powder coated / Post-galvanized |



Swing gate. Supplied preassembled. It's ideal for playgrounds.

Components:

1- Self-closing Locinox® hinges



2- Child safety Locinox® lock



3- Dropbolt (Double leaf)



4- Ground stop (Double leaf)



OPTIONS:
Triangular cylinder set



Aluminium gate hold-back catch



Common components for the following swing gates:

1- Adjustable Locinox® hinges



2- Locinox® Lock



3- Dropbolt (Double leaf)



4- Ground stop (Double leaf)



OPTIONS:

Defensive profile (not crossing gates)



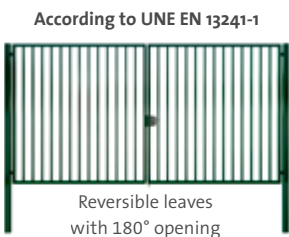
Hydraulic Gate closer



Triangular cylinder set



Aluminium gate hold-back catch



CLASSIC PRO

· Single leaf / Double leaf

Vertical bars 25x25x1.0 mm

Height (mm)

From 1,000 To 3,000

Width (mm)

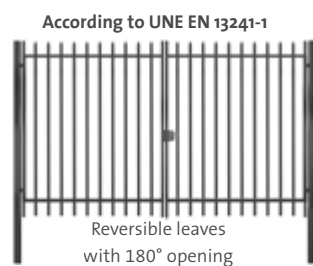
From 1,000 To 10,000

Finish

Galvanized & powder coated / Post-galvanized



Swing gate filled with bars. Supplied preassembled.



BEVELED PLUS

· Single leaf / Double leaf

Vertical bars 25x25x1.5 mm

Height (mm)

From 1,000 To 3,000

Width (mm)

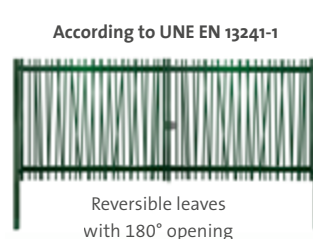
From 1,000 To 10,000

Finish

Galvanized & powder coated / Post-galvanized



Swing gate deterrent through protruding rods cut at 45°. Supplied preassembled.



BALI® PLUS

· Single leaf / Double leaf

Vertical bars 25x25x1.0 mm

Height (mm)

From 1,000 To 3,000

Width (mm)

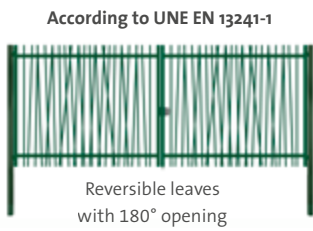
From 1,000 To 10,000

Finish

Galvanized & powder coated / Post-galvanized

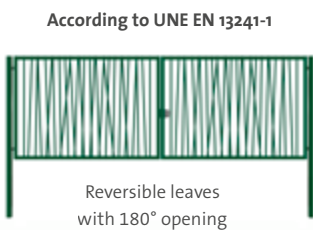


Swing gate. Bars distributed unevenly. Supplied preassembled.



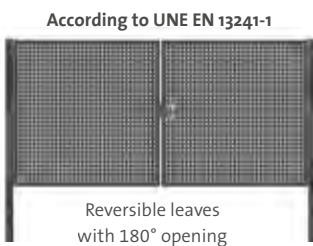
| | | | |
|---------------------|--|-----------------------------|------------------------------|
| EXOTIC® PLUS | | · Single leaf / Double leaf | Vertical bars Ø 25x1.5 mm |
| Height (mm) | From 1,000 To 3,000 | | |
| Width (mm) | From 1,000 To 10,000 | | |
| Finish | Galvanized & powder coated / Post-galvanized | | |

Swing gate. Bars distributed unevenly. Supplied preassembled.



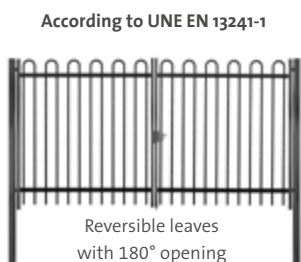
| | | | |
|---------------------------------|--|-----------------------------|------------------------------|
| EXOTIC® PLUS NOT POINTED | | · Single leaf / Double leaf | Vertical bars Ø 25x1.5 mm |
| Height (mm) | From 1,000 To 3,000 | | |
| Width (mm) | From 1,000 To 10,000 | | |
| Finish | Galvanized & powder coated / Post-galvanized | | |

Swing gate. Bars distributed unevenly. Supplied preassembled.



| | | | |
|------------------------|-----------------------------|-----------------------------|------------------------|
| PERFORATED PLUS | | · Single leaf / Double leaf | Design 30x30x1.5 mm |
| Height (mm) | From 1,000 To 3,000 | | |
| Width (mm) | From 1,000 To 10,000 | | |
| Finish | Galvanized & powder coated | | |

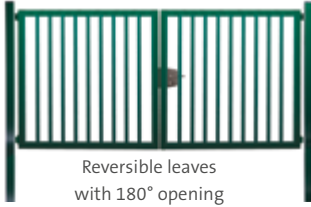
Swing gate. It provides security and privacy. Supplied preassembled.



| | | | |
|-------------------|--|-----------------------------|------------------------------|
| ONDAS PLUS | | · Single leaf / Double leaf | Vertical bars Ø 20x1.5 mm |
| Height (mm) | From 1,000 To 3,000 | | |
| Width (mm) | From 1,000 To 10,000 | | |
| Finish | Galvanized & powder coated / Post-galvanized | | |

Swing gate. Safe design with rounded profiles. Ideal for public sites. Supplied preassembled.

According to UNE EN 13241-1



Reversible leaves with 180° opening

Swing gate. Supplied preassembled.

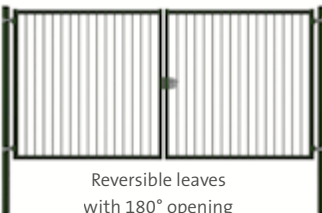
RONDO PLUS

· Single leaf / Double leaf

Vertical bars
Ø 25x1.5 mm

| | | |
|-------------|--|--|
| Height (mm) | From 1,000 To 3,000 | |
| Width (mm) | From 1,000 To 10,000 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

According to UNE EN 13241-1



Reversible leaves with 180° opening

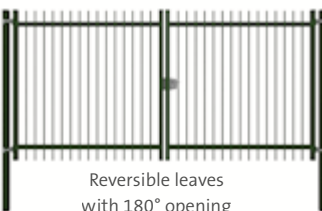
TUBES PLUS

· Single leaf / Double leaf

Vertical bars
Ø 20x1.5 mm

| | | |
|-------------|--|--|
| Height (mm) | From 1,000 To 3,000 | |
| Width (mm) | From 1,000 To 10,000 | |
| Finish | Galvanized & powder coated / Post-galvanized | |

According to UNE EN 13241-1



Reversible leaves with 180° opening

CROSSING TUBES PLUS

Single leaf / Double leaf



Vertical bars
Ø 20x1.5 mm

| | | |
|-------------|--|--|
| Height (mm) | From 1,000 To 3,000 | |
| Width (mm) | From 1,000 To 10,000 | |
| Finish | Galvanized & powder coated / Post-galvanized | |



CLASSIC MESH GATE

B - SLIDING GATES LIGHT

| | | | |
|--|-------------|----------------------------|---|
| <p>According to UNE EN 13241-1</p>  | Height (mm) | From 1,200 To 2,500 |  |
| | Width (mm) | From 3,000 To 8,000 | |
| | Finish | Galvanized & powder coated | |

Two opening directions: slides to right (default) and left.

Components:

1- Closing Column



2- Guiding Bridge
Double or Simple (Consult)



3- Locinox®
Lock





OPTIONS:

- Defensive Profile.
- Without lock and with covered openings in order to pass the wiring through.



C - SLIDING GATES PRO

| | | | |
|--|-------------|----------------------------|---|
| <p>According to UNE EN 13241-1</p>  | Height (mm) | From 1,200 to 2,500 |  |
| | Width (mm) | From 3,000 To 12,000 | |
| | Finish | Galvanized & powder coated | |

Two opening directions: slides to right (default) and left.

Components:

1- Closing Column



2- Guiding Bridge



3- Locinox® Lock





OPTIONS:

- Defensive Profile.
- Without lock and with covered openings in order to pass the wiring through.



D - CANTILEVER SLIDING GATES LIGHT

| | | | |
|--|-------------|----------------------------|---|
| <p>According to UNE EN 13241-1</p>  | Height (mm) | From 1,200 To 2,500 |  |
| | Width (mm) | From 3,000 To 8,000 | |
| | Finish | Galvanized & powder coated | |

Two opening directions: slides to right (default) and left.

Components:

1- Reception Post



2- Guiding Bridge
Double or simple (Consult)



3- Locinox® Lock



OPTIONS:

- Defensive Profile.
- Without lock and with covered openings in order to pass the wiring through.



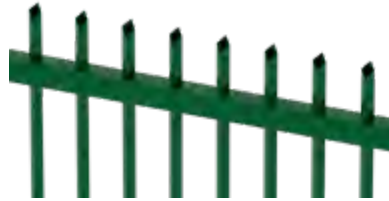
Fillings:

CLASSIC



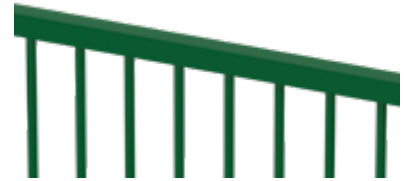
- ◆ Bars: 25 x 25 x 1.5 mm.
- ◆ Maximum distance between bars: 110 mm.

BEVELED PLUS



- ◆ Bars 25 x 25 x 1.5 mm. Positionated at 45°.
- ◆ Maximum distance between bars: 110 mm.

RONDO PLUS



- ◆ Bars: Ø25 x 1.5 mm.
- ◆ Maximum distance between bars: 110 mm.

FRAMED PLUS



- ◆ Frame: 300 x 50 mm.
- ◆ Ø5 mm. (vertical) / Ø6 mm. (horizontal)

BALI® PLUS



- ◆ Bars: 25 x 25 x 1.0 mm.
- ◆ Randomly distributed vertical welded bars

EXOTIC® PLUS



- ◆ Bars: Ø25 x 1.5 mm.
- ◆ Randomly distributed vertical welded bars

EXOTIC® PLUS IS NOT POINTED



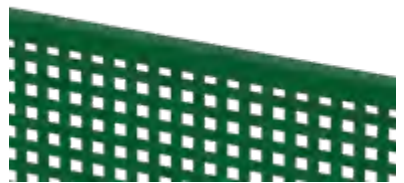
- ◆ Bars: Ø25 x 1.5 mm.
- ◆ Randomly distributed vertical welded bars

ONDAS PLUS



- ◆ Bars: Ø20 x 1.5 mm.
- ◆ Maximum distance between bars: 110 mm.

PERFORATED PLUS



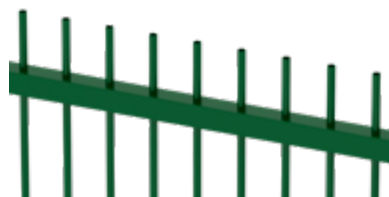
- ◆ Plate thickness: 1.5 mm.
- ◆ Perforation: 30 x 30 mm.

TUBES PLUS



- ◆ Bars: Ø20 x 1.5 mm.
- ◆ Maximum distance between bars: 110 mm.

CROSSING TUBES PLUS



- ◆ Bars: Ø20 x 1.5 mm.
- ◆ Maximum distance between bars: 110 mm.

HÉRCULES®



- ◆ Wire: Ø 5 mm.
- ◆ Mesh: 200 x 55 mm.

DOUBLE WIRE 6-5-6



- ◆ Mesh: 200 x 55 mm.
- ◆ Ø5 mm. (vertical) / Ø6 mm. (horizontal)

DOUBLE WIRE 8-6-8



- ◆ Mesh: 200 x 55 mm.
- ◆ Ø6 mm. (vertical) / Ø8 mm. (horizontal)

GATES ACCORDING TO EN13241



A - HJ MRT® STOCK FENCING

Progressive mesh apertures.

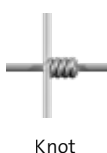


HJ MRT® LIGHT FENCE

∅ V 1.90 mm

∅ H 2.50 mm top and bottom
H 1.90 mm intermediates

| | |
|---------------------------------|---|
| Height (mm) | From 600 To 2,000 |
| Roll length (m) | 50 or 100 |
| Nº horizontal wires | From 6 To 20 |
| Distance between verticals (cm) | 15 or 30 |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® |



HJ MRT® MEDIUM FENCE

∅ V 2.50 mm

∅ H 3.00 mm top and bottom
H 2.50 mm intermediates

| | |
|---------------------------------|---|
| Height (mm) | From 1,000 To 2,000 |
| Roll length (m) | 50 - 100 |
| Nº horizontal wires | From 8 To 17 |
| Distance between verticals (cm) | 15 or 30 |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® |



HJ MRT® HEAVY FENCE

∅ V 3.00 mm

∅ H 4.00 mm top and bottom
H 3.00 mm intermediates

| | |
|---------------------------------|---|
| Height (mm) | From 800 To 1,640 |
| Roll length (m) | 50 |
| Nº horizontal wires | From 8 To 12 |
| Distance between verticals (cm) | 15 |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® |



HJ MRT® LIGHT HIGH TENSILE

∅ V 1.90 mm

∅ H 2.45 mm top and bottom
H 1.90 mm intermediates

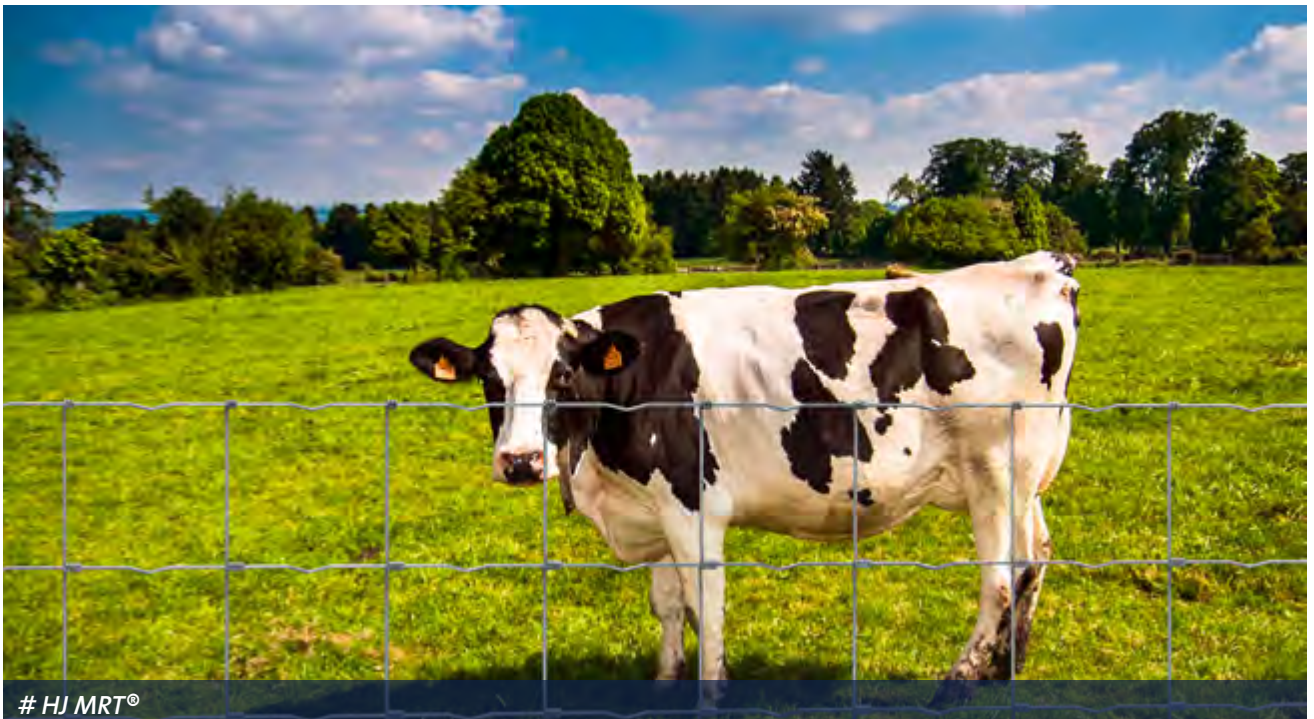
| | |
|---------------------------------|---|
| Height (mm) | From 1,600 To 2,000 |
| Roll length (m) | 50 |
| Nº horizontal wires | From 23 To 25 |
| Distance between verticals (cm) | 15 - 30 |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® |



HJ MRT® HIGH TENSILE

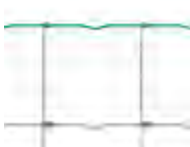
∅ V 2.45 mm ∅ H 2.45 mm top and bottom
H 2.45 mm intermediates

| | |
|---------------------------------|---|
| Height (mm) | From 530 To 1,900 |
| Roll length (m) | 100 |
| Nº horizontal wires | From 5 To 15 |
| Distance between verticals (cm) | 15 / 22 / 30 |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® |



B - AGROTOR® PREMIUM

Progressive mesh apertures.



AGROTOR® PREMIUM

∅ Vertical 1.90 mm
Galva (Class D)

∅ H 2.45 mm A class galvanized +
Ecover® on the top and bottom
H 1.90 mm Galva (Class D) on the rest

| | |
|---------------------------------|------------------------------|
| Height (mm) | From 1,000 To 1,480 |
| Roll length (m) | 50 or 100 |
| Nº horizontal wires | From 8 To 18 |
| Distance between verticals (cm) | 15 or 30 |
| Finish | A class galvanized + ECOVER® |

C - FIXED-KNOT FIELD FENCE



Fixed Knot

| | | |
|---------------------------------|---|--|
| FK MRT® | ∅ Knot 2.24 mm (soft wire) | ∅ V 2.50 mm (hard wire) H 2.50 mm (high resistance hard wire) |
| Height (mm) | From 1,000 To 3,000 | |
| Roll length (m) | 100 | |
| Distance between verticals (cm) | 15 or 30 | |
| Finish | A class galvanized / A class galvanized + ECOVER® A class galvanized 2 H ECOVER® / ZnAl® | |

Progressive and non progressive mesh available

D - X-KNOT FIELD FENCE



X knot

| | | |
|---------------------------------|--|--|
| XK MRT® | ∅ Knot 2.50 mm (soft wire) | ∅ V 2.50 mm (soft wire) H 2.50 mm (soft wire) |
| Height (mm) | From 600 To 2,600 | |
| Roll length (m) | 50 or 100 | |
| Distance between verticals (cm) | 5 - 8 - 15 - 22 - 30 | |
| Finish | A class galvanized / A class galvanized + ECOVER® ZnAl® | |

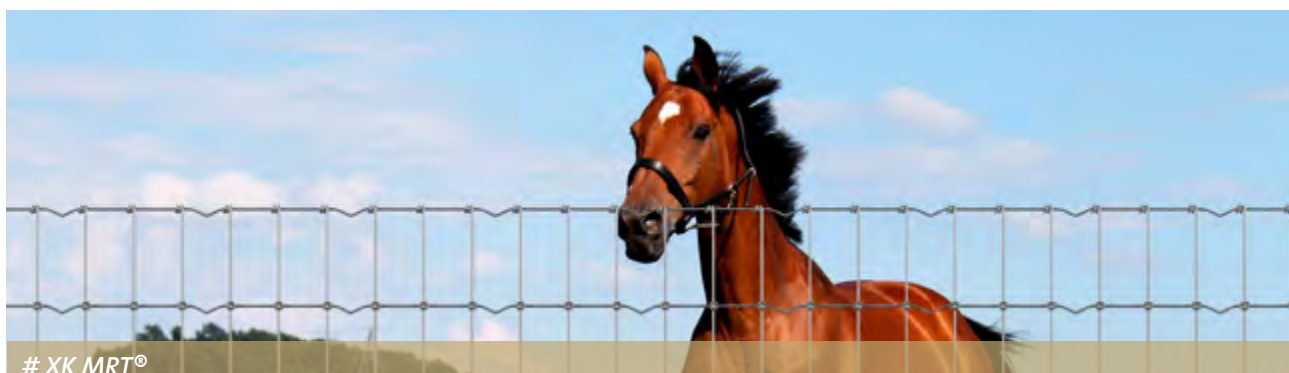
Progressive and non progressive mesh available



X knot

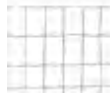
| | | |
|---------------------------------|--|---|
| XK MRT® HEAVY | ∅ Knot 2.50 mm (soft wire) | ∅ V 2.50 mm (soft wire) H 2.50 mm and 3,43mm on the top and bottom (soft wire) |
| Height (mm) | From 600 To 2,600 | |
| Roll length (m) | 50 or 100 | |
| Distance between verticals (cm) | 5 - 8 - 15 - 22 - 30 | |
| Finish | A class galvanized / A class galvanized + ECOVER® ZnAl® | |

Progressive and non progressive mesh available



XK MRT®

A - PROGRESSIVE WELDED MESH

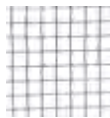


PROGRESSIVE WELDED MESH

\varnothing V 2.45 mm \varnothing H 3.00/3.40 mm top&bottom
 \varnothing V 3.00 mm \varnothing H 2.45/3.00 mm intermediates

| | |
|---------------------------------|---|
| Types | 140/12/15 - 160/23/15 - 200/15/15 - 200/25/15 - 250/20/15 |
| Roll length (m) | 50 |
| Nº horizontal wires | 12 / 15 / 20 / 23 / 25 |
| Distance between verticals (cm) | 15 |
| Finish | ZnAl® (Class B) / A class galvanized |

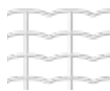
B - ELECTRO-WELDED MESH



ELECTRO-WELDED MESH

\varnothing from 0.80 to 3.00 mm

| | |
|-----------------|---|
| Height (mm) | From 508 To 2,032 |
| Roll length (m) | 5 / 25 / 30 |
| Mesh (mm) | 6x6 / 8x8 / 10x10 / 13x13 / 16x16 / 19x19 / 25x13 25x25 / 51x25 / 51x51 / 76x51 / 102x51 |
| Finish | D class galvanized / Galvanized & PVC coated / Post-galvanized |



BADGER FENCE

\varnothing 2.00 mm

| | |
|-----------------|-----------------------------|
| Height (mm) | 300 / 1,000 / 1,200 / 1,500 |
| Roll length (m) | 25 |
| Mesh (mm) | 50.4x25.4 |
| Finish | ZnAl® (Class B) |

C - WIRE NETTING MESH



WIRE NETTING MESH

| | |
|-----------------|--|
| Height (mm) | From 500 To 2,000 |
| Roll length (m) | 10 / 50 |
| Mesh (mm) | 13 / 16 / 19 / 25 / 31 / 41 / 51 |
| Finish | D class galvanized / Galvanized & PVC coated |

A - BARBED WIRE



hard wire

ERIZO® & DARDO®

| | ERIZO® | DARDO® |
|-----------------------------|--|----------------------|
| ∅ mm | FROM 1.60 TO 1.80 MM | FROM 1.60 TO 1.80 MM |
| Roll length (m) | 100 / 250 / 402.34 / 500 | 100 / 250 / 500 |
| Distance between barbs (mm) | 80 / 100 / 150 | 100 / 127 / 150 |
| Finish | A class galvanized / A class galvanized + ECOVER® / ZnAl® | D class galvanized |



soft wire

IOWA & BRAVO®

| | IOWA | BRAVO® |
|-----------------------------|--|--|
| ∅ mm | 2.20 / 2.40 / 2.70 | 2.00 – 2.20 (Galvanized) // 1.60/2.40 (Plastified) |
| Roll length (m) | 100 / 200 | 100 / 250 |
| Distance between barbs (mm) | 100 | 80 / 150 |
| Finish | D class galvanized A class galvanized | D class galvanized / A class galvanized A class galvanized + ECOVER® / Green PVC coated / ZnAl® |

B - BARBLESS WIRE



soft wire

BARBLESS WIRE MRT

∅ 2.40 mm

| | |
|------------------|--------------------|
| Roll length (m) | 200 |
| Nº twist / meter | 19 ± 3 |
| Finish | A class galvanized |



BARBED WIRE

WIRE

We are wire drawers with over 150 years of experience and we offer a wide range of wires adapted to the transformer needs (paper industry, manufacture of hangers, handles, etc.), to agriculture (vine wire, etc.) and to hardware store needs.

RECOVERING OPTIONS



ECOVER® is designed to protect the heavy galvanized wire; adding an excellent resistance against corrosion, increasing the wire life; even in extreme weather conditions. Ideal for ranching and agriculture.



95% Zinc + 5% Aluminium. The most durable galvanized steel wire. The increased homogeneous properties of the ZNAL® coating gives it greater adhesion than zinc only galvanization, making it more resistant to corrosion.



| WIRE - INDUSTRY & TRANSFORMATION ∅ from 0.70 to 8.26 mm | |
|--|---|
| State | Soft or hard |
| Reel / Orbit (Kg) | 400 - 500 / 800 - 1000 - 1500 |
| Finish | D class galvanized / A class galvanized / A class galvanized + ECOVER® / Galvanized & PVC coated by extrusion / ZnAl® |



| WIRE - AGRICULTURE & HARDWARE STORES ∅ from 0.65 to 4.50 mm | |
|--|---|
| State | Soft or hard |
| Roll (Kg) | 5 / 25 / 35 / 40 / 50 |
| Finish | D class galvanized / A class galvanized / A class galvanized + ECOVER® / Galvanized & PVC coated by extrusion / ZnAl® |

NAILS & FENCING STAPLES

 6 Cartons of 3 Kg



| NAILS Flat head  ∅ from 14 to 25 in number of Paris | |
|---|-----------------------|
| Length (mm) | From 40 To 200 |
| Finish | Polished |




Smooth

 6 Cartons of 3 Kg



Barbed

 Buckets of 5, 10 or 20 Kg

| FENCING STAPLES ∅ from 16 to 19 in number of Paris | |
|---|--|
| Type | Smooth or barbed |
| Length (mm) | From 20 To 40 |
| Finish | D class galvanized / A class galvanized / A class galvanized + ECOVER® / ZnAl® |

A - MOSQUITO NETTING



| MOSQUITO NETTING | | Ø 0.30 mm |
|------------------|---------------------------|-----------|
| Height (mm) | 600 / 800 / 1,000 / 1,200 | |
| Roll length (m) | 30 | |
| Mesh (mm) | 18x15 | |
| Finish | D class galvanized | |

Mosquito netting, it's a woven commercially galvanized wire.

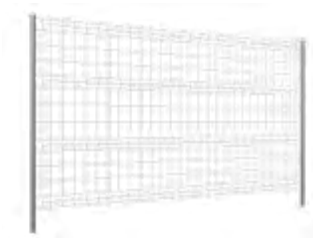
B - WELDED MESH PANEL



| WELDED MESH PANEL | | Ø 2.70/ 3.00/ 4.00/ 5.00/ 6.00 mm |
|-------------------|--|-----------------------------------|
| Dimensions (mm) | Upon request | |
| Mesh (mm) | 25x25, 30x30, 40x40, 50x50, 100x50, 150x50, 200x50, 250x50, 300x50 | |
| Finish | Grey / D class galvanized / Post-galvanized / PVC Coated | |

Welded mesh panel is used in the fabrication of cages and machine safety units.

C - MOBILE FENCING



| MOBILE FENCING | | Ø 3.25 mm | Post: 40x 1.0 mm |
|--------------------------------|--------------------|-----------|------------------|
| Complete dimensions fence (mm) | 3,500x1,900 | | |
| Panel dimensions (mm) | 3,500x1,718 | | |
| Central mesh (mm) | 133x125 | | |
| Finish | D class galvanized | | |

Mobile fencing is used to temporarily protect access to projects under construction or fairs.

Accessories:

1- Reinforced concrete base: 60x24 cm.



2- Anti-vandalism clamp



We can provide the panel without posts.

D - CLOTHES LINE



| CLOTHES LINE | | Posts 34x1.5 mm |
|-----------------|------------|-----------------|
| Dimensions (mm) | 500x2,450 | |
| Nº of threads | 4 | |
| Finish | PVC Coated | |

Perfect to set up outdoors. Ready to install.

1. General Conditions

1.1 All sales and/or supplies by MOREDA RIVIERE TREFILERÍAS, hereinafter “the Vendor” or “MRT”, shall be governed by these General Conditions of Sale, except those which, differing from these Conditions, are expressly accepted by MRT in writing. MRT does not sell to final consumers, therefore, (i) all sales subject to these General Conditions are trade sales and (ii) consumer protection legislation does not apply to the sales regulated here. The parties shall not be bound by any other conditions or agreements that have not been accepted in writing or expressly by MRT nor shall any such conditions or agreements have any effect.

2. Formal confirmation of orders and scope of supply:

2.1 When the Client places an order, MRT may accept it or not. If MRT accepts the order, it shall inform the Client. Only those orders that have been accepted shall be binding for MRT, and under the terms and conditions under which they have been accepted.

2.2 The sale shall include the supplies detailed in the order accepted by MRT.

2.3 The weights, dimensions, capacities, technical specifications, photos and configurations referring to the Vendor's products included in catalogues, pamphlets, website, prospectus, technical literature or any other format, are intended as guidance information and shall have no binding or contractual status, with the exception of cases where the Vendor expressly accepts a specification agreed with the Client in writing.

2.4 The Vendor must always be notified in writing of any modifications and/or variations of the scope of an order and these shall only be valid if expressly accepted by the Vendor in writing.

3. Prices:

3.1 The prices that appear in offers issued by MRT do not include VAT nor any other taxes, duties or charges. Taxes and other duties shall be included in the invoice with the corresponding rates.

3.2 The prices that appear in the offers issued by MRT only apply to the material sums and qualities specified in same and always under the terms and conditions specified therein.

3.3 The prices indicated in any future offers issued by MRT are built, among other elements on the basis of payment conditions specified in same. Consequently, any extension of the term of payment agreed by the parties shall include the corresponding review of the prices for the purpose of adjusting them accordingly to the new conditions agreed.

3.4 The prices that appear in any offers issued by MRT do not include shipping.

3.5 The prices and other conditions contained in the offers or in the Order Confirmation issued by MRT are not final for MRT and may be altered as a result of the effects of the Russia-Ukraine war and/or any event of force majeure or that alters contractual balance. If, in the reasonable opinion of MRT, any circumstance occurs that will impact the balance of the obligations of the parties, MRT may suspend the supply and the parties must negotiate and agree on the necessary changes to correct such situation.

4. Payment Conditions:

4.1 The Vendor's offer shall include the payment conditions of the supply.

4.2 The payment shall be made by bank transfer or using any other method admitted in the manner on which the parties may agree. The payment will be made without any deduction except those provided for on a compulsory basis by law or which have been agreed expressly by the parties in writing. The final costs incurred in the payment method shall be assumed in full by the Purchaser.

4.3 Except where a delivery date is expressly indicated as an essential term, the term of delivery shall not be considered essential.

Any delay in the delivery of the supply for reasons beyond the scope of responsibility of the Vendor shall not entitle it to change the maturities or payment conditions agreed with the Purchaser. Nor shall it result in any right to any claim against MRT.

Delay of delivery for reasons attributable to the Vendor may give rise to compensation but shall not entitle the purchaser to terminate the sale.

4.4 If the purchaser does not meet the deadlines or payment conditions agreed, they must pay the Vendor, with no need for prior notification of same, interest on arrears in accordance with the applicable legislation establishing measures to combat late payments in commercial transactions.

4.5 In the event that the Purchaser fails to comply with its payment obligations in the terms agreed, the Vendor, in addition to being entitled to use any remedy as per the applicable legislation, without limitation, may suspend or terminate the supply contract and/or the execution of the services associated with same, all without prejudice to the rights of MRT to claim the corresponding compensation for damages suffered as a result of said non-compliance. Without prejudice to the above, where late payment for the supplies is agreed, the non-payment of any fee shall entitle MRT to declare the early termination of the credit and claim the full sum from the Client. The use of one or more of the remedies for non-compliance provided for in these General Conditions or in Law shall not constitute the waiving of any of the others.

4.6 The submission of a claim on the part of the Purchaser shall not entitle same to freeze payments or to make any reductions of any kind with respect to same.

4.7 If MRT has grounds to believe that the Client cannot meet its obligations arising from the Contract or any other contract entered into with the Group of companies to which MRT belongs, named CELSA GROUP (which is made up of all those companies that are directly or indirectly controlled by MRT, that directly or indirectly control MRT, that are under joint management with MRT or that are under direct or indirect common control, with MRT, or, in short, all those companies that have some participation, direct or indirect, of whatever type, in MRT), it may, at any time, suspend fulfilment of same, unless the Client immediately pays the total sum of the price and satisfies all pending payments arising from other contracts with the CELSA Group in full, or delivers to MRT a joint bank guarantee at first requirement for such sum. MRT shall issue immediate notification of the suspension, granting the Client a reasonable term to make the payment or deliver the guarantee, upon expiry of which the Vendor may terminate the contract. All of the above is without prejudice to the other rights granted to MRT in such circumstances by Law and by these General Conditions.

4.8- If the sale to the Client is covered by credit insurance, and during or pending the supply, the insurance company informs the Vendor of the removal of the coverage in relation to this client, MRT may suspend deliveries except where the Client immediately pays the total price or delivers to MRT a joint bank guarantee for said sum upon initial request thereof. MRT shall issue immediate notification of the suspension, granting the Client a reasonable term to make the payment or deliver the guarantee, upon expiry of which the Vendor may terminate the contract. All of the above is without prejudice to the other rights granted to MRT in such circumstances by Law and by these General Conditions.

5. Term and Conditions of Delivery:

5.1 The delivery shall be completed in the place and under the conditions agreed between the parties. In the absence of express agreement, it shall be understood that it will take place ExWorks at one of the two plants of MRT depending on the product requested (MRT GIJÓN: Av. Del Príncipe de Asturias, s/n – 33211 Gijón or MRT CERDANYOLA: C/Montclar,61 – Polígono Polizur – 08290 CÉRDANYOLA DEL VALLES).

MRT shall not be obliged to deliver the goods if the Purchaser is not fully up to date with all payment obligations.

The terms of delivery shall be the following, without prejudice to the provisions of Clause 5.2 below:

- Where a fixed delivery date is set, the order shall be delivered on said date.

- In the event that, rather than establishing a specific delivery date, a period of time is established for same (e.g. three weeks), said term shall start from the acceptance of the order on the part of MRT (or from MRT's receipt of the technical specifications where this occurs later).

If no delivery date is agreed, MRT shall deliver the goods in accordance with the production schedule it deems appropriate. In such cases, MRT shall also be entitled to make partial deliveries.

The purchaser's refusal to receive or remove the goods shall entitle MRT to invoice the purchaser, who accepts same, a sum of one tenth of the value of the goods per day until the goods are effectively removed and to claim any other damages MRT suffers, without prejudice to the right to terminate the contract and others permitted in the General Conditions and applicable legislation.

5.2 The Vendor is not obliged to comply with the term of delivery where provided for by Law, or these General Conditions, where any of the following situations arise:

a) The Purchaser fails to deliver the documentation required for the execution of the order on time.

B) The Purchaser fails to comply with (i) any of the contractual obligations provided for in MRT's offer or (ii) in the order issued by the Client and accepted by MRT or (iii) in these General Conditions.

c) For reasons not attributable to the Vendor delays arise in the production or availability of all or some of the elements of the supply. For information purposes, these include, but are not limited to the following causes of delay: strikes of suppliers, transport and services, failures in third party supplies, failures in transport systems, flooding, storms, disturbances, strikes, stoppages on the part of the personnel of the Vendor or subcontractors, sabotage, accidental stoppages in workshops of the facilities of the Vendor due to breakdown.

In cases a), b) and c) above, the new terms of delivery shall not modify the programming of payments for the order.

6. Packaging and Transport:

6.1 Except where previously agreed with the Client, the packaging and materials subject to supply are not included in the price.

6.2 The transport, including loading and unloading shall be made in accordance with the conditions specified in the offer issued by MRT or the Client's order accepted by MRT.

7. Inspection and Reception:

7.1 Once the supply is received, the Purchaser shall verify the content of same.

- Any defect in the quality and/or quantity and/or weight attributable to the Vendor and which is visible or apparent should be declared by the Purchaser in writing upon delivery. The appearance of defects shall be noted by the Purchaser on the delivery note or CMR or in the transport delivery document.

- Any deficit other than those listed above must be reported by the Purchaser to MRT within a period of no more than 7 days from receipt of the goods.

7.2 If the supply contains defects and/or faults attributable to the Vendor and these are communicated within the term and in the manner provided for in the previous clause, MRT shall take the measures provided for in these General Conditions for their elimination.

Once the aforementioned terms have expired without the Vendor having received written communication from the Purchaser on the eventual defects or faults, it shall be understood that the order has been accepted for all corresponding legal effects, with no subsequent claims admitted.

7.3 Except where agreed otherwise, the parties expressly accept that there may be variations of in and around +/- 10% in the weight of the goods invoiced, among other reasons due to the existence of differences in the set-up of scales.

In the event that the difference of weight is in excess of 10%, the Purchaser shall inform the Vendor of such circumstance in writing within the term provided for in Clause 7.1 (first script) above, attaching the corresponding scales tickets and the calibration certificate of the scales with the differences to said communication. Said differences, once verified shall be delivered to the purchaser.

8. Claims:

8.1 Any claim in relation to the supply must, in addition to being lodged within the term provided in Clause 7 above, be accompanied by tests or samples of the material rejected (physical samples of defective material, breakages, tests carried out by the purchaser, etc.) and a brief report on the grounds or reasons for such rejection.

Once the samples are analysed by the Vendor, it shall be entitled to verify all of the material affected by the rejection.

8.2 Except where agreed otherwise, the returns or consignments of material to the Vendor's facilities for payment, replacement or repair, must always be made with freight paid.

8.3 Under no circumstances shall returns or complaints relating to material that has been used or assembled on other equipment or facilities be accepted.

9. Guarantees:

9.1 In the event that the goods present any defect or fault attributable to the Vendor and these have been communicated in the manner and the terms described in these General Conditions, the Purchaser shall be entitled to have the Vendor carry out some of the following actions, at the choice of the Vendor:

- The return to the Purchaser of the sum paid for same to the Vendor for the defective goods.

- The replacement of the defective goods with other non-defective goods, or

- The Vendor shall carry out, at its own cost, the conditioning of the material necessary.

Except where agreed otherwise in writing, under no circumstances shall the Vendor assume the costs of conditioning or rework of the material by personnel external to MRT.

9.3 Damages caused by inadequate handling, storage or keeping of the goods and general damages not attributable to the Vendor shall be excluded from this guarantee. All complaints shall be rejected if, after confirmation of the defects, or upon confirmation of same, the Client continues with the processing of the products.

9.4 MRT does not guarantee that its products are suitable for the specific use the Client makes of same, nor that they are appropriate for use, transformation and/or coating operations the Client intends to perform on them. The Client shall be responsible for the damages arising from the use and/or processing and/or finishing and/or coating of the products and commits to hold MRT harmless in relation to any third party complaint regarding same. MRT guarantees only the delivery of the manufactured product in accordance with the product standards applied as standard in the sector.

9.5 Except where the applicable legislation imposes additional guarantees on a compulsory basis, this guarantee shall constitute the only guarantee applicable to the products or material sold by MRT.

10. Limitation of Responsibility:

10.1 Under no circumstances shall the Vendor be responsible for the indirect damage or consequences that may arise as a consequence of the supply and the use, including but not limited to: loss of production, loss of profit, capital costs, stoppage costs, personal injury, impairments or damage to equipment, systems and buildings of the Purchaser or third parties and others, as such damages are produced at their facilities and their client's facilities or the clients of same. The Client shall hold MRT harmless in relation to any third party claim for this sum.

10.2 In any case, in the absence of compulsory provision otherwise established in the applicable legislation, the total liability of the Vendor arising from the supply shall be limited to the maximum value of the supply to which said claim pertains. The Client shall hold MRT harmless in relation to any third party claim in violation of the above.

11. Reservation of Title:

11.1 The goods subject to the sale shall remain the property of MRT until their full payment on the part of the Purchaser.

To these effects, the Purchaser commits to keeping the goods sold duly marked as property of MRT until the payment date. Similarly, the Purchaser commits to communicating and warning any third party of the fact that MRT is the owner of the goods until full payment is completed.

12. Industrial and Intellectual Property Confidential Information:

The relation tabled between the Vendor and the Purchaser does not imply the transfer or licensing of any type of relation to the intellectual and industrial property rights held by MRT. Any intellectual or industrial property right that might arise as a consequence of the supply regulated by these General Conditions shall belong wholly to MRT which may register and use same as it sees fit.

The Client shall treat all plans, drawings, procedures, instruction documents and other information provided by MRT to the Client (except to the extent such information is public knowledge) and may not disclose same in part or in full to third parties without the prior written consent of MRT. Nor shall the Client use same for any purposes other than the operation provided for herein.

13.- Goods Produced to Client's Specifications:

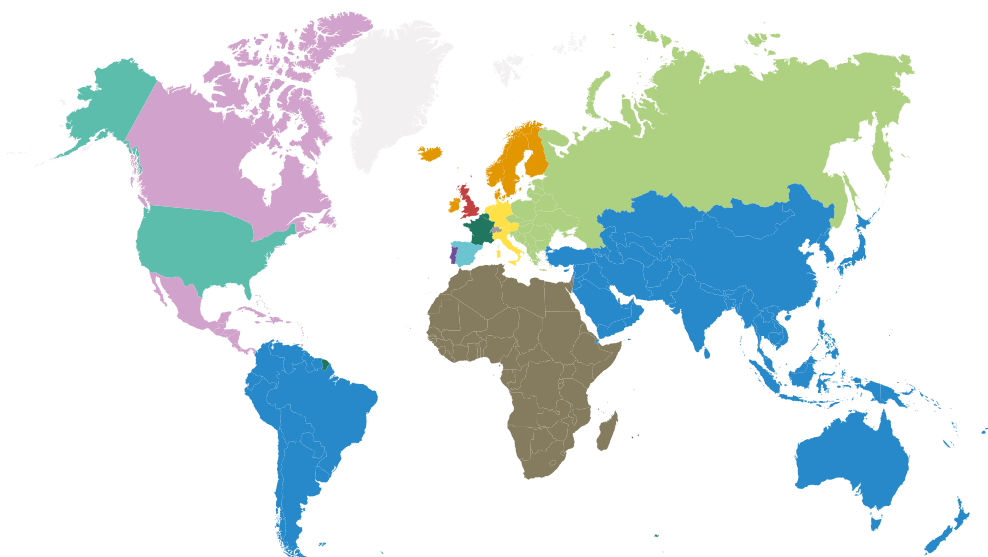
MRT shall not assume any responsibility in relation to the accuracy or validity of the information, specifications, instruction or plans ("Information") supplied by the Client. The Client shall compensate and hold MRT, its workers, directors, administrators and representatives, harmless for any damages or liability arising from the use of said information.

14. Jurisdiction and Applicable Legislation:

The parties expressly waive any other rights that may correspond to them and submit to the jurisdiction and competency of the Courts and Tribunals of Barcelona (Spain).

This agreement is governed by Spanish law.

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