mak gratings

by ASCO technology

INDUSTRIAL STEEL GRATINGS AND FENCING

mak gratings

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The largest industrial grating manufacturing plant in South-Eastern Europe.



Know-how rooted in the past

Although the company was established in 2012, its foundations were laid much earlier. **mak gratings** was built on the experience and expertise developed through ASCO Technology, a company that specialised in gratings and steel products manufacturing from 1987 onwards. Having acquired ASCO's equipment, technical know-how and quality-first mindset, **mak gratings** did not simply start a new journey. It continued and further developed an already successful activity.

mak gratings at the forefront



Today, **mak gratings** is regarded as one of the most reliable manufacturers of industrial gratings and related steel products in Greece and South-Eastern Europe, serving major infrastructure projects, industry, construction companies, and private and public sector works. With ongoing investment in technology and equipment, the company continues to evolve, delivering solutions tailored to the requirements of each project.





Forge-welded gratings production line



Strip production line (strips)



Steel strips can be produced in widths from 16 mm, with thickness ranging from 1.8 mm up to 5 mm.

Automatic grating cutting line





Oxy-fuel cutting line for gratings

Interpenetrated gratings and guardrail lines



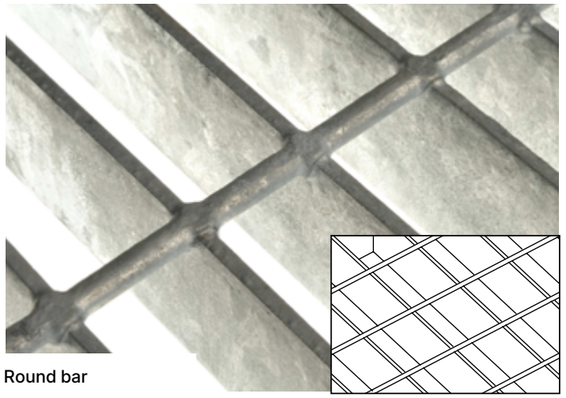
Forge-Welded Gratings



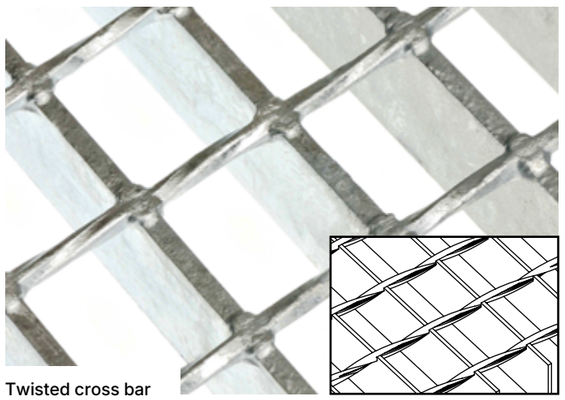
Manufactured on a fully automated EVG line, rated at 2500 kVA with 1000 kN pressing force.

Maximum strength & load distribution

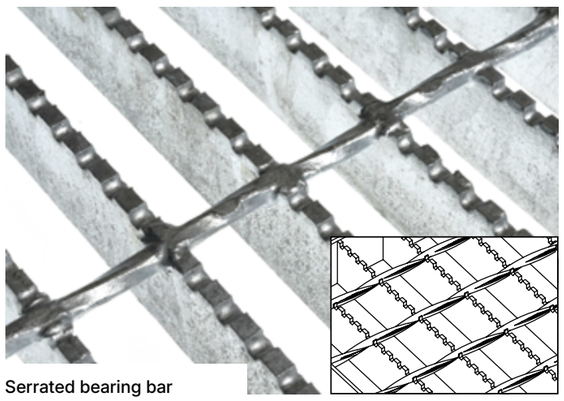
Forge-welded gratings are welded at every intersection (autogenous welding), retaining their physical and mechanical properties even after fabrication. They are characterised by high stability and excellent load distribution, offering safety and long-term durability.



Round bar



Twisted cross bar



Serrated bearing bar

Forge-Welded Grating Sheets



mak gratings offers a wide range of sizes, covering applications from light-duty through to particularly demanding industrial structures. The flexibility of grating configuration allows adaptation to the needs of each project, whether for industrial platforms, storm drain covers, anti-slip surfaces, or special fabrications.

STANDARD PANEL PRODUCTION	
Dimensions (mm)	
6100 × 1000	for transport by lorry
5800 × 1000	for container transport

The precision of mechanical processing ensures that **mak gratings** forge-welded gratings are fully consistent and stable, even in high-load applications.

FORGE-WELDED GRATING PANELS 6100 × 1000 MM

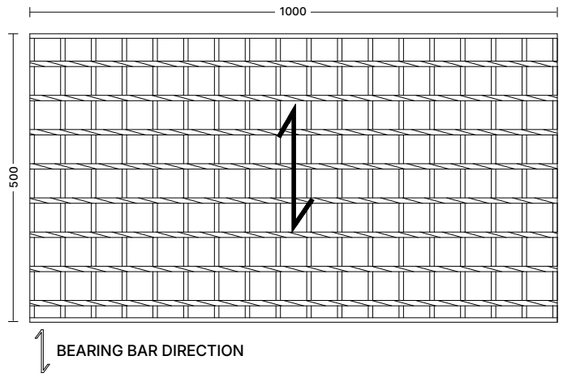
BEARING BAR	PITCH (AXIAL MESH) (FIRST NUMBER INDICATES BEARING BAR SPACING)											
	15X76	25X76	25X100	34X24	34X38	34X51	34X76	34X101	30X51	30X101	41X51	41X101
25x2	● ⬢	● ◆ ⬢	● ◆	● ◆ ⬢	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
30X2	● ⬢	● ◆	● ◆	◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
40X2	●	● ◆	● ◆	◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
25X3	●	● ◆ ⬢	● ◆	◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
30X3	●	● ◆	● ◆	◆ ⬢ ■	◆ ⬢ ■	◆	◆	◆	◆ ⬢ ■	◆ ⬢	◆	◆
40X3	● ⬢	● ◆	● ◆	◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
50X3	●	● ◆	● ◆	◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
30X4		● ◆		◆	◆	◆	◆	◆	◆	◆	◆	◆
40X4		● ◆		◆	◆	◆	◆	◆	◆	◆	◆	◆
50X4		● ◆		◆	◆	◆	◆	◆	◆	◆	◆	◆
30X5				◆ ⬢ ■	◆ ⬢	◆	◆	◆	◆	◆ ⬢ ■	◆	◆
40X5				◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
50X5				◆	◆ ⬢	◆	◆	◆	◆	◆	◆	◆
60X5					◆	◆	◆	◆	◆	◆	◆	◆

● WITH CROSS BAR Ø4 TO Ø5 mm
◆ WITH TWISTED CROSS BAR S4.5 / S5 / S6 mm
⬢ AVAILABLE FROM STOCK
■ ALSO AVAILABLE WITH SERRATION

FOR SIZES NOT AVAILABLE FROM STOCK:
MINIMUM ORDER QUANTITY 300m²

Standard Forge-Welded Gratings





The first dimension is the length of the bearing bars and the second dimension is the length of the cross bars (e.g. 500 × 1000 mm).

mak gratings maintains ongoing stock of key sizes, ensuring immediate deliveries for the most popular forge-welded grating options.

This provides:

- Reduced lead time for construction sites and industrial facilities
- Fast response in cases of urgent demand
- Consistent product quality, without changes in specifications
- The company works with trade partners in major cities in Greece and abroad

Stock is held in central warehouses, allowing flexible deliveries and consistent lead times.

STANDARD FORGE-WELDED GRATINGS

with pitch (axial mesh) 34 × 38 mm, hot-dip galvanised

Dimensions	Pitch (axial)	Bearing bar	Load class	Weight per piece	Code	STOCK
mm	mm	mm		kg		
500×1000	34×38	25/2	Pedestrian	8.2	A06/1	●
		30/2	Pedestrian	9.6	A06/2	●
		25/3	Pedestrian	11.7	A06/4	
		30/3	Pedestrian	13.4	A06/5	●
600×1000	34×38	25/2	Pedestrian	9.7	A07/1	●
		30/2	Pedestrian	11.3	A07/2	●
		25/3	Pedestrian	13.8	A07/4	●
		30/3	Pedestrian	15.8	A07/5	●
700×1000	34×38	25/2	Pedestrian	11.7	A08/1	
		30/2	Pedestrian	13.7	A08/2	
		25/3	Pedestrian	16.6	A08/4	
		30/3	Pedestrian	19.6	A08/5	
800×1000	34×38	25/2	Pedestrian	13.2	A09/1	
		30/2	Pedestrian	14.8	A09/2	●
		25/3	Pedestrian	18.0	A09/4	
		30/3	Pedestrian	20.5	A09/5	●
1000×1000	34×38	30/2	Pedestrian	18.9	A11/2	●
		25/3	Pedestrian	22.2	A11/4	●
		30/3	Pedestrian	26.0	A11/5	●
1200×1000	34×38	30/3	Pedestrian	31.0	A12/5	

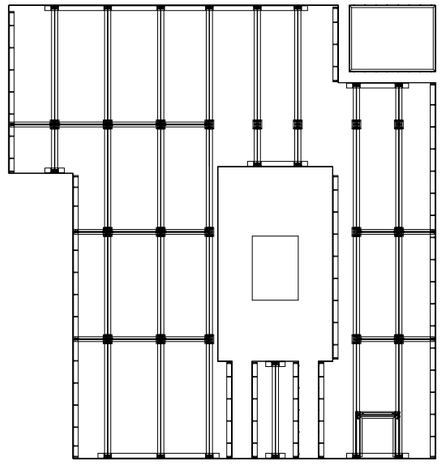
Custom Forge-Welded Grating Orders



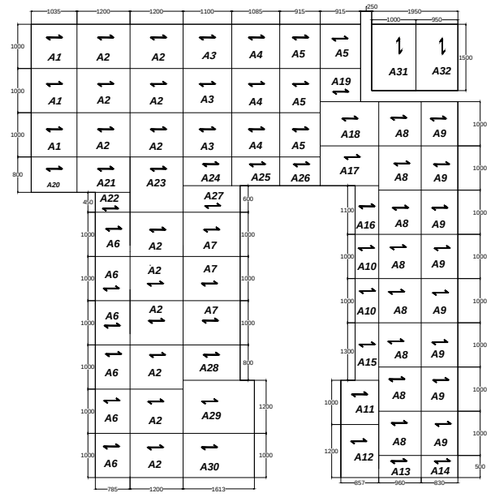
By using high-tech engineering equipment, **mak gratings** can produce gratings in special dimensions.

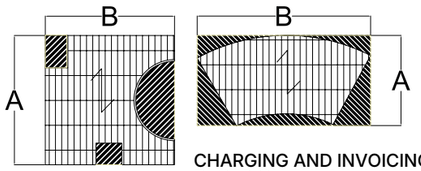
SELECTION, DISTRIBUTION AND CODING OF GRATINGS (LAYOUT)

STEELWORK DRAWING (PROVIDED BY THE CUSTOMER)



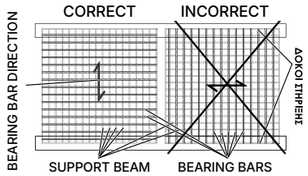
SELECTION AND APPLICATION OF GRATINGS (LAYOUT - CODES - **mak gratings**)



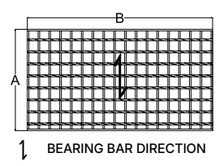


CHARGING AND INVOICING BASED ON THE MINIMUM CIRCUMSCRIBED SQUARE OF THE GRATING SHAPE

GRATING SEATING AND SUPPORT METHOD



THE BEARING BARS MUST SIT ON THE SUPPORT BEAMS, NOT ON THE CROSS BARS.



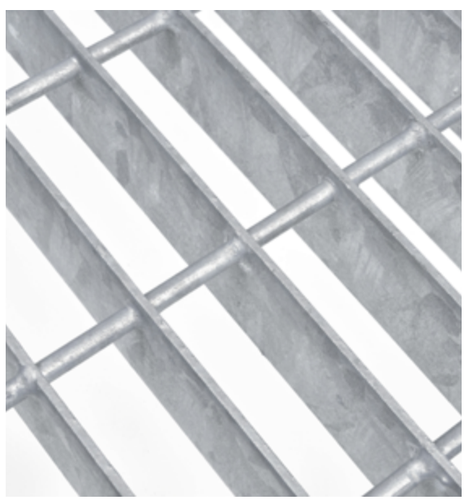
BEARING BAR DIRECTIONTHE FIRST DIMENSION IS THE LENGTH OF THE BEARING BARS AND THE SECOND DIMENSION IS THE LENGTH OF THE CROSS RODS, E.G. A×B MM AS SHOWN ABOVE.

Interpenetrated Gratings



Interpenetrated gratings are the most flexible choice for projects that require custom dimensions, high mechanical strength and custom-made fabrications. They are widely used in industrial facilities, infrastructure works, drainage systems, bridges, work platforms and areas with heavy vehicle traffic.

Interpenetrated gratings are assembled via through holes in the bearing bars, using a specialised welding method. This allows greater design flexibility and adaptation to specific requirements. The production method maintains high strength and stability, while also offering the option of serration for enhanced anti-slip protection.

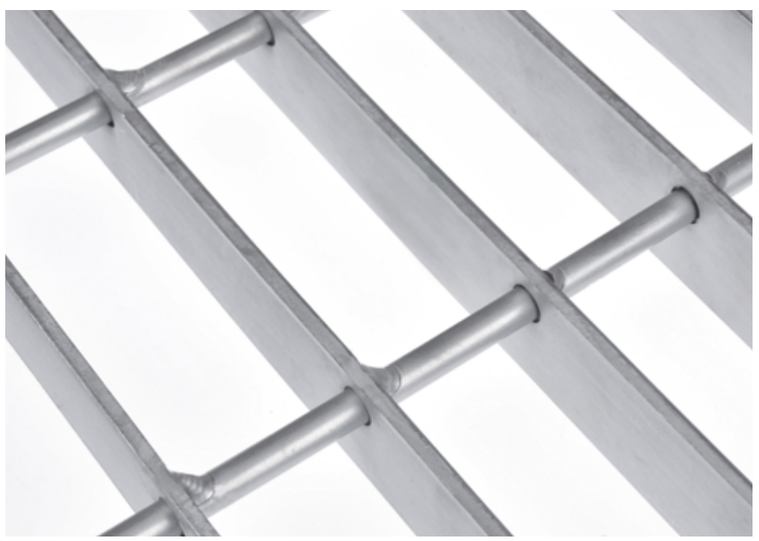


Design flexibility and custom-made dimensions.

Stainless Steel And Heavy-Duty Options

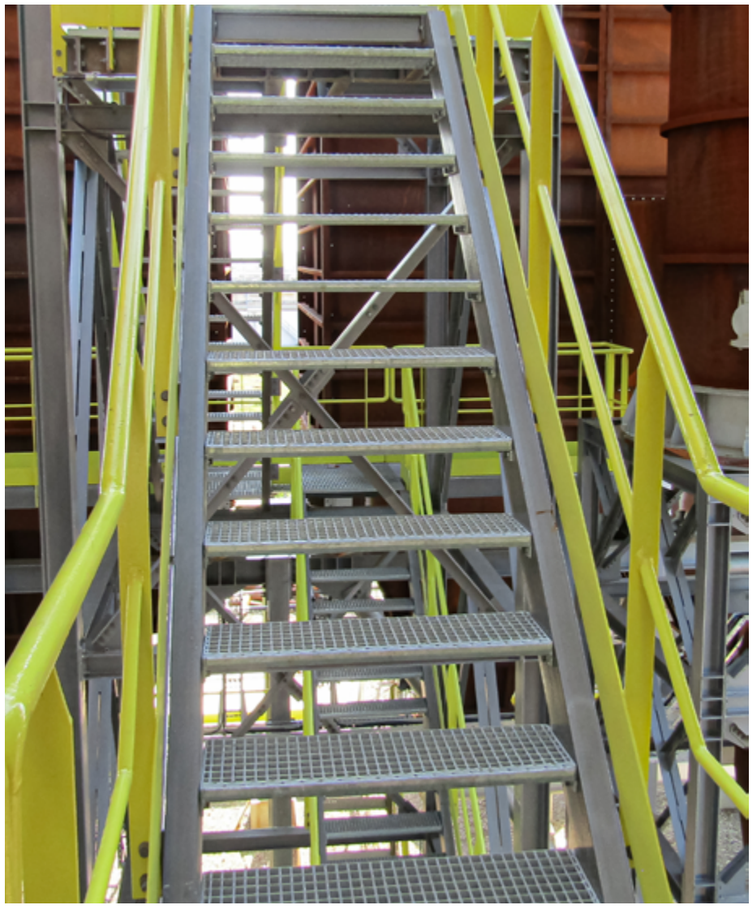
With bearing bar height up to 120 mm and thickness 5 mm or 8 mm, standard pitch (axial mesh) 33 × 83 mm, and cross bar diameter from Ø5 mm to Ø8 mm

Stainless Steel Gratings



The company produces Interpenetrated gratings in stainless steel (AISI 304), 3 mm thick, with bearing bar height 25, 30 or 40 mm and a standard pitch of 33 × 76 mm.

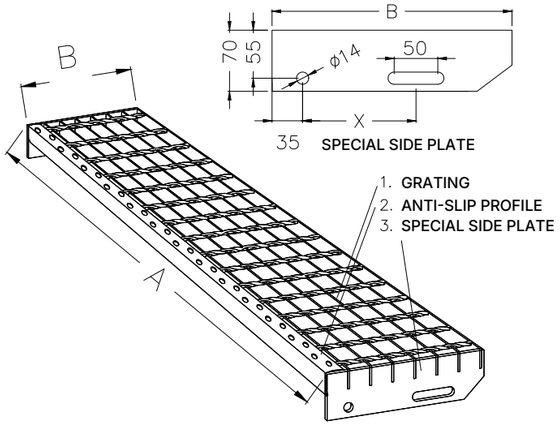
Stairs, Treads And Landings



Bolt-on grating treads are an optimal choice for projects that demand strength, safety and easy maintenance. They are manufactured mainly from forge-welded gratings and also from interpenetrated gratings, providing stability and anti-slip protection even in environments with increased exposure to moisture, chemicals or heavy loads.

The anti-slip nosing increases grip, providing added protection against slips and accidents. The treads can be secured easily and safely thanks to special side plates 70/3 mm or 70/5 mm, with bolt holes for fixing.

A flexible solution for custom dimensions and heavy-duty fabrications



TREAD WIDTH	AXIAL DISTANCE OF HOLES
B=207 mm	X= 110 mm
B=240&275 mm	X= 130 mm
B=309 mm	X= 150 mm

STANDARD FORGE-WELDED BOLT-ON TREADS

PITCH 34 × 38 mm · SPECIAL SIDE PLATES (FLAT BAR 70 × 3 MM) · ANTI-SLIP PROFILE · HOT-DIP GALVANISED

Dimensions	Pitch (axial)	Bearing bar	Weight per piece	Code	STOCK
mm	mm	mm	kg		
600×207	34×38	25/2	2.8	Σ1/101	●
600×240	34×38	25/2	3.2	Σ2/206	
760×207	34×38	25/3	4.3	Σ4/104	●
800×240	34×38	30/2	4.5	Σ8/302	●
800×240	34×38	30/3	5.7	Σ8/304	●
800×275	34×38	30/2	5.1	Σ8/405	●
800×275	34×38	30/3	6.5	Σ9/405	●
1000×240	34×38	30/3	6.9	Σ10/305	●
1000×275	34×38	30/3	7.9	Σ11/405	●
1200×240	34×38	40/3	10.0	Σ13/306	●
1200×275	34×38	40/3	11.4	Σ12/406	●
1200×309	34×38	40/3	12.8	Σ12/506	●

Emergency Stairs



For increased anti-slip protection, bearing bars are also available with serration.

Standard tread lengths: 1200 mm and 1500 mm



mak gratings metal staircases and treads are designed to provide safe and comfortable access in industrial areas, site infrastructure, buildings and special structures. They feature anti-slip characteristics and offer high resistance to wear and corrosion, maintaining their functionality in demanding environments.

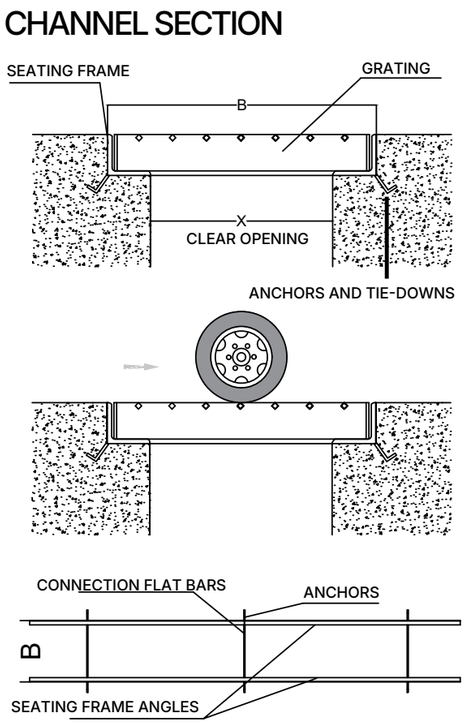
Drainage Channels & Stormwater Drain (Gratings with Seating Frame)



Light-duty



Heavy-duty



mak gratings drainage channels and storm drain made from grating provide effective drainage and protection solutions for infrastructure projects, industrial facilities, and applications in both private and public works. Designed for strength and functionality, they allow maximum water flow and high structural resistance, even under heavy-duty or extra heavy-duty loads.

STANDARD FORGE-WELDED GRATINGS FOR CHANNELS AND DRAIN
PITCH (AXIAL MESH) 34 × 38 mm · HOT-DIP GALVANISED

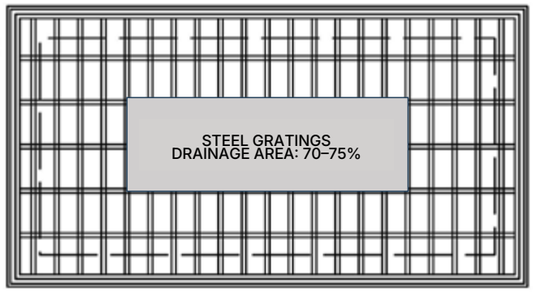
Dimensions	Pitch (axial)	Bearing bar	Clear opening	Load class	Weight per piece	Code
mm	mm	mm	mm	DIN 1072	kg	
140×1000 WITH INVERTED ANGLE 25/25/3	34×38	25/2	90	General	3.7	A02
137×1000	34×38	25/2	90	General	3.2	КП 21
200×1000	34×38	25/2	150	[12]	4.1	A00/1
248×1000	34×38	25/2	200	[3]	4.8	A01/1
		30/2	190	[3]	5.7	A01/2
		30/3	190	[12]	7.3	A01/5
335×1000	34×38	25/3	290	[3]	7.9	A04/4
370×1000	34×38	40/5	300	[30]	22.3	A04/7
500×1000	34×38	50/5	400	[60]	35.6	A05/8

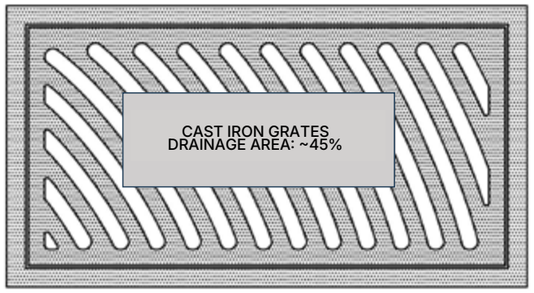
DIN 1072 load classes: [3] 500 kg/wheel, [6] 1,000 kg/wheel, [12] 2,000 kg/wheel, [30] 5,000 kg/wheel, [60] 10,000 kg/wheel

STANDARD SEATING FRAMES FOR CHANNELS AND DRAIN
HOT-DIP GALVANISED

Dimensions	Seating angle	Weight per piece	Code
mm	mm	kg	
150×1010	30×30×3	3.4	I1
150×3010	30×30×3	9.7	K1
215×1010	30×30×3	3.5	I20
215×3010	30×30×3	9.9	K20
260×1010	30×30×3	3.6	I21
260×3010	30×30×3	10	K21
260×1010	35×35×3	4.1	I25
260×3010	35×35×3	11.5	K25
350×1010	30×30×3	3.7	I35
350×3010	30×30×3	10.3	K35
390×3010	45×45×5	26.4	K59
520×1020	60×60×6	18.3	I76

Comparison of drainage area: steel vs cast iron grates

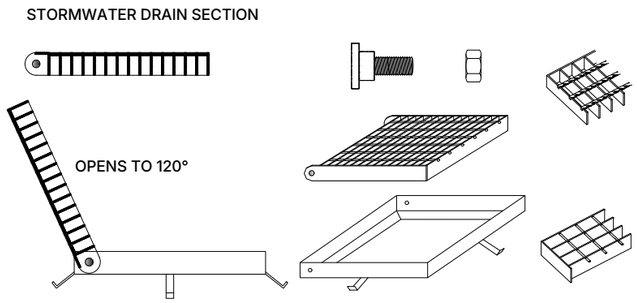


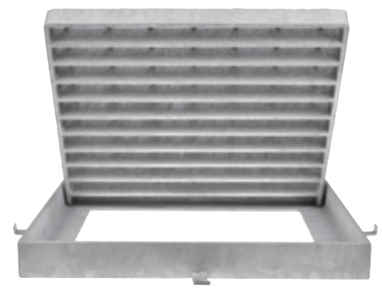


ADVANTAGES OF STEEL GRATINGS

- Large drainage area (70–75%)
- Flat surface with mesh suitable for narrow bicycle wheels
- Better vibration damping
- Better appearance (when galvanised)
- Lower weight, easier maintenance and cleaning
- Retains smaller objects, branches, etc.
- Option for anti-theft protection

Anti-theft heavy-duty storm drain covers





INDICATIVE DIMENSIONS-WEIGHTS

EXTERNAL FRAME	CLEAR OPENING	COVER WEIGHT
mm	mm	kg
420×620	300×500	24
560×810	400×700	49
620×830	450×730	65

Anti-theft heavy-duty storm drain covers are designed for maximum protection against tampering and theft, making them ideal for public areas, public works and high-security infrastructure.

They consist of seating frames with an angle plate and anchoring tie-downs, as well as a special hinge, so that the grating cannot be removed after installation and concreting.

Grating Products and Applications (hot-dip galvanised)

Vandal-resistant benches



Steel grating benches are a reliable choice for parks, squares, stations and other high-traffic areas, where conventional materials cannot withstand constant wear.

Thanks to their robust steel construction, these benches do not degrade easily and are highly resistant to vandalism. The perforated grating surface prevents water from pooling, keeping the seating clean and ready for use at any time.

*Standard lengths: 1500 mm, 1800 mm and 2000 mm.

Tree Grates



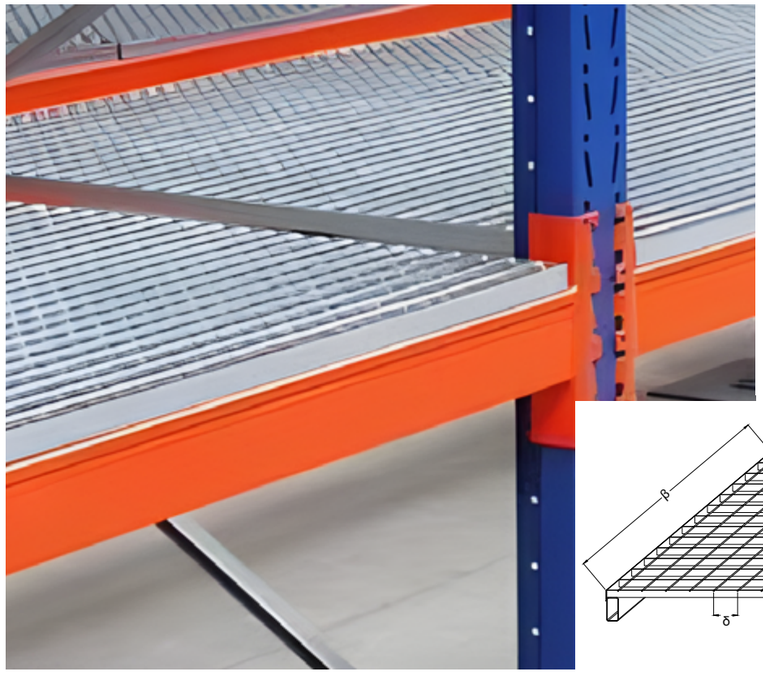
Tree grates protect the root system and support the seamless integration of greenery within the urban environment.

Façade Sunshades



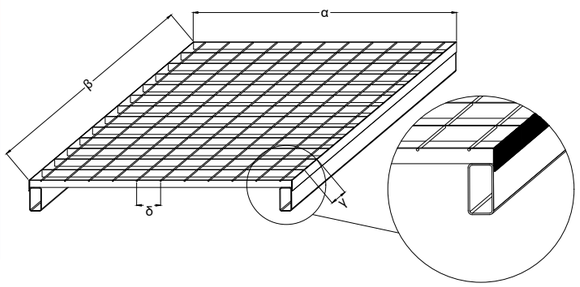
Grating façade sunshades provide shade and protection from weather conditions, while enhancing the architectural identity of each project.

Shelving (shelving decks)



The company manufactures shelving and pallet racking decks, mainly from gratings, with overall dimensions α × β and a pitch (axial mesh) γ × δ.

The gratings are designed for storing Euro pallets or pallets of any size and load, as well as for uniformly distributed loads



Hot-Dip Galvanised Fencing Systems

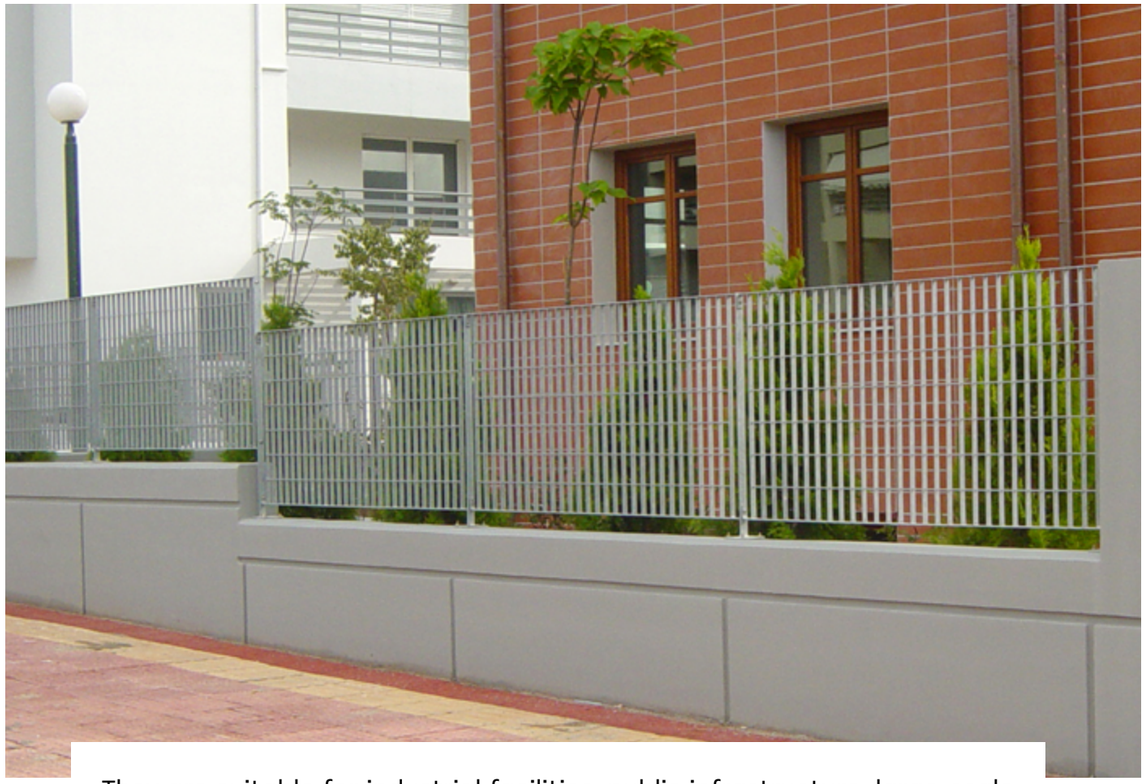


The fencing systems are manufactured from interpenetrated gratings or forge-welded gratings and are hot-dip galvanised in accordance with ISO 1461. They offer high mechanical strength and long-term resistance to corrosion and external stresses.

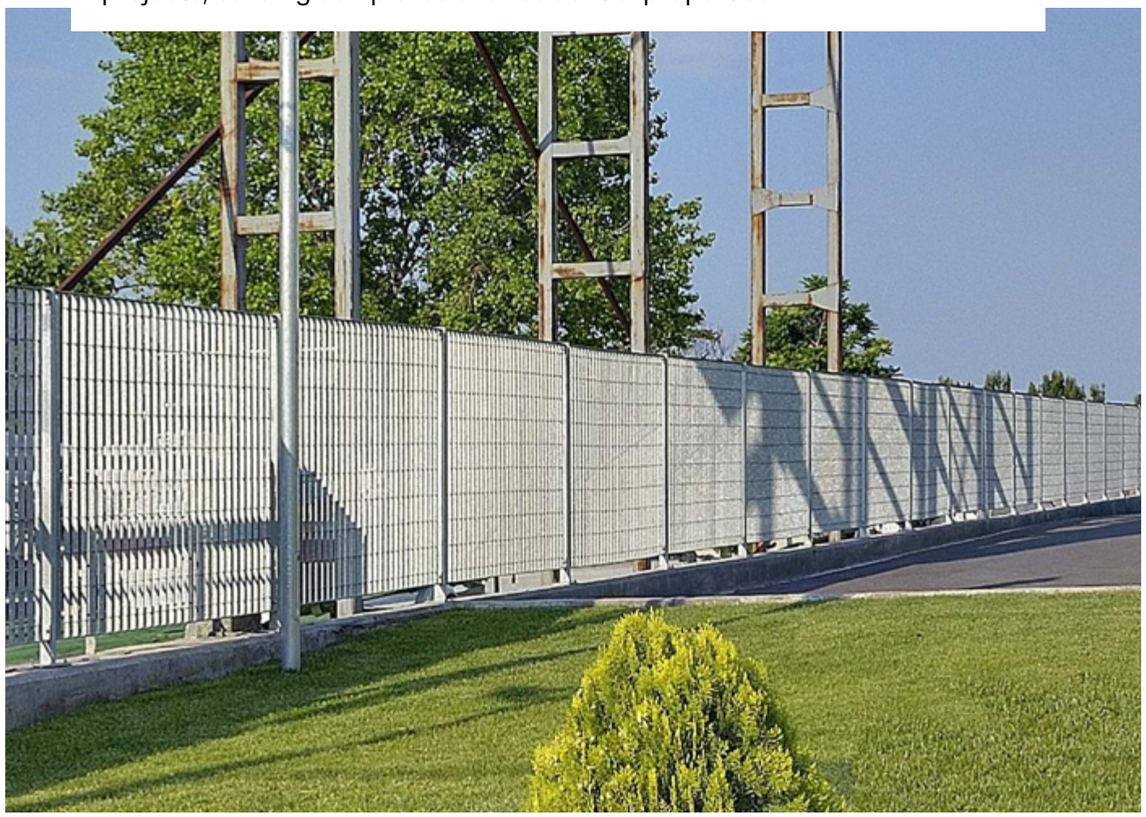


Their design allows easy integration into existing systems and adaptation to the requirements of each project.





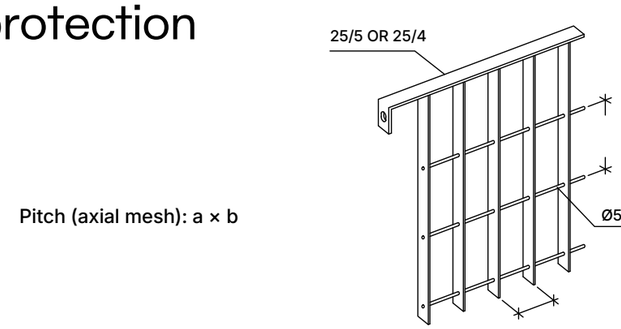
They are suitable for industrial facilities, public infrastructure, large-scale projects, building complexes and residential properties.

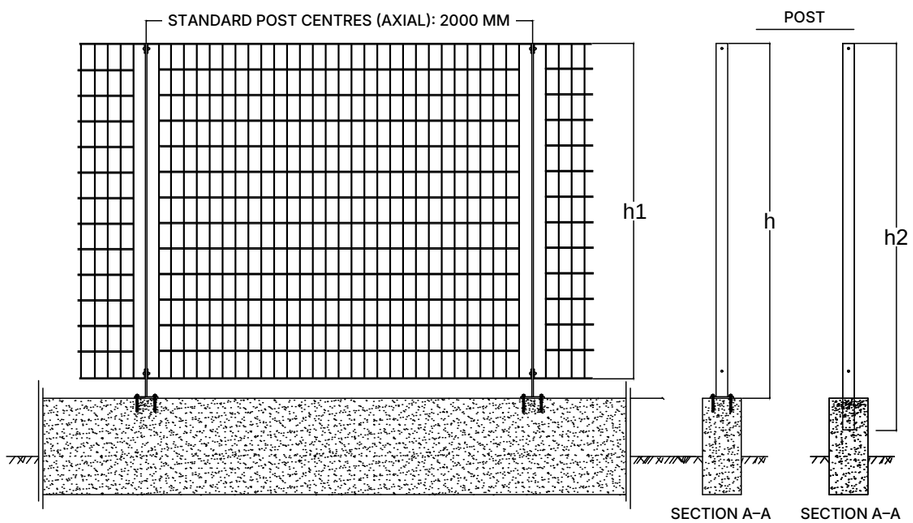


Double-Sided Fencing Panels



Perimeter support and protection





Fencing made from panels is produced from longitudinal bearing bars and transverse cross bar. The bars pass through pre-punched holes (centrally), forming stable square or rectangular mesh apertures (double-sided panels).

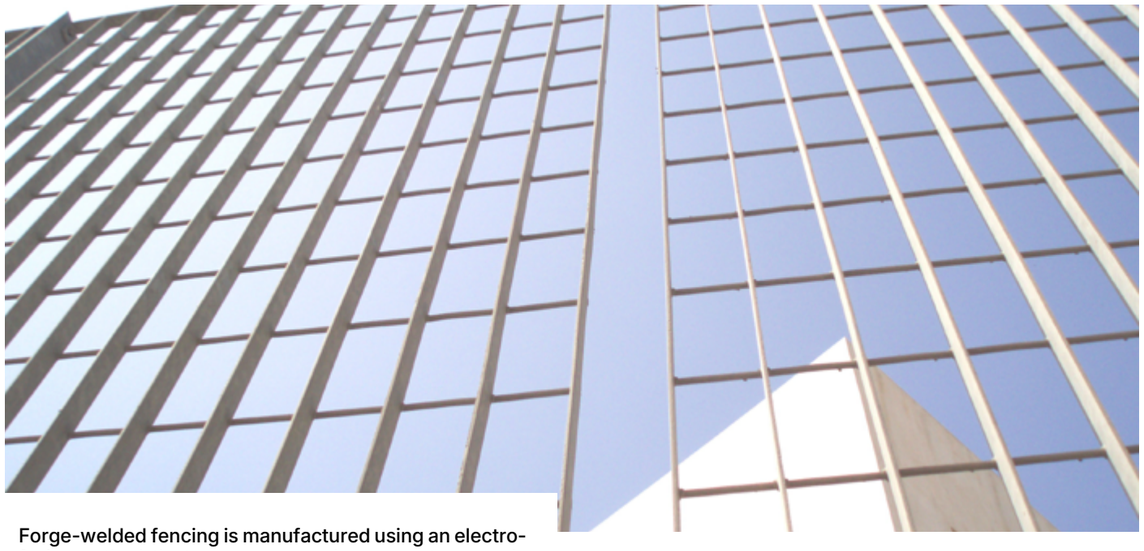
STANDARD FENCING FROM PANELS

Free fence height h	Panel								Post				
										Post with base plate		Post for cast-in	
	Pitch (axial)	Panel dimensions h1×1992	Code	Bearing bar	Panel weight	Code	Bearing bar	Panel weight	Post type	Post height h	Weight per post	Post height h2	Weight per post
mm	mm	mm		mm	kg		mm	kg		mm	kg	mm	kg
1010	66×132	930×1992	КГ633	25×2	15.3	КГ633	25×3	20.4	Flat bar 50×8	1010	4.4	1200	4.0
1300	66×132	1200×1992	КГ 643	25×2	18.8	КГ 643	25×3	25.5	Flat bar 50×8	1300	5.4	1500	5.0
1430	66×132	1330×1992	КГ653	25×2	20.6	КГ653	25×3	30.4	Flat bar 50×8	1430	5.8	1650	5.5
1560	66×132	1460×1992	КГ 663	25×2	22.2	КГ 663	25×3	31.3	Flat bar 50×8	1560	6.2	1800	6.0
1700	66×132	1600×1992	КГ673	25×2	25.9	КГ673	25×3	33.9	Flat bar 60×8	1700	7.8	2000	8.1
1830	66×132	1730×1992				КГ683	25×3	36.4	Flat bar 60×8	1830	8.3	2100	8.5
2000	66×132	1900×1992				КГ693	25×3	40.0	IPE 80	2000	14.2	2400	15.3

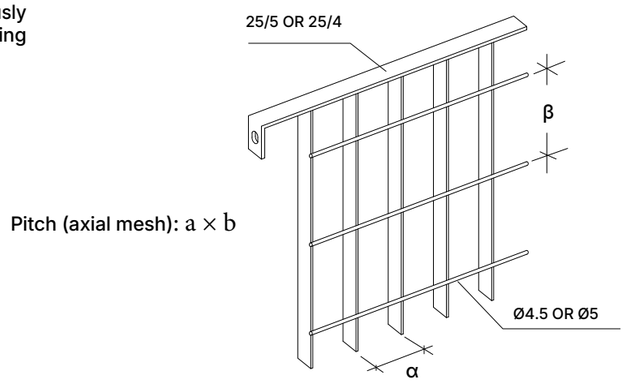


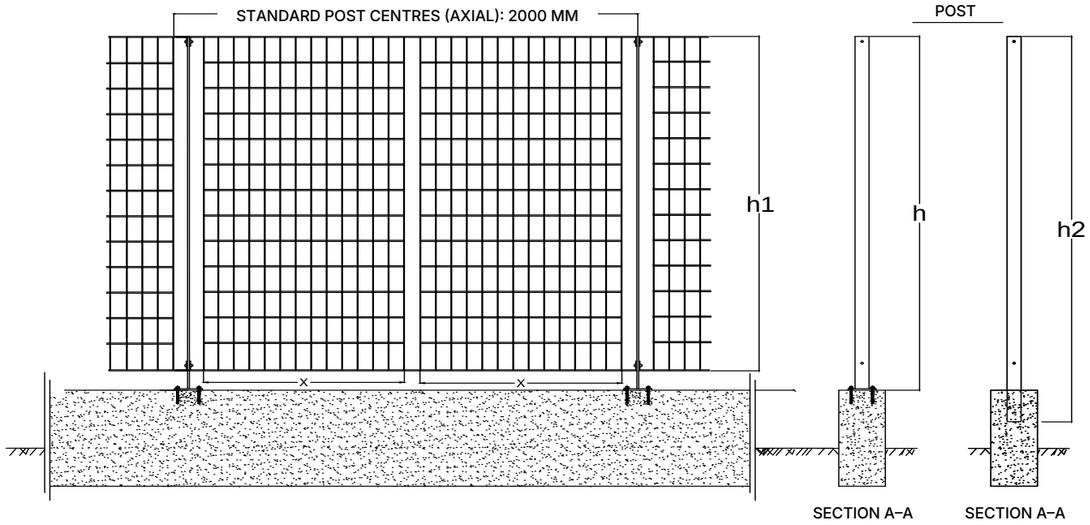
Custom pitches and different heights, or more heavily reinforced posts, are available on request.

Forge-Welded Fencing Panels



Forge-welded fencing is manufactured using an electro-fusion method: the transverse cross bars are autogenously welded and pressed into the longitudinal bars, forming stable square or rectangular mesh apertures.





Fencing Gates



Hot-dip galvanised, manufactured from interpenetrated grating or forge-welded grating.

Gates are available as single-leaf, double-leaf or sliding. They are supplied with the appropriate fixing and closing hardware and delivered ready for integration into the overall fencing system.

Swing Gates

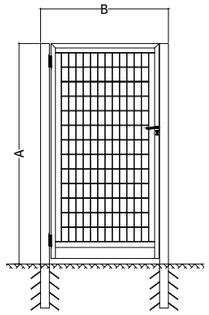


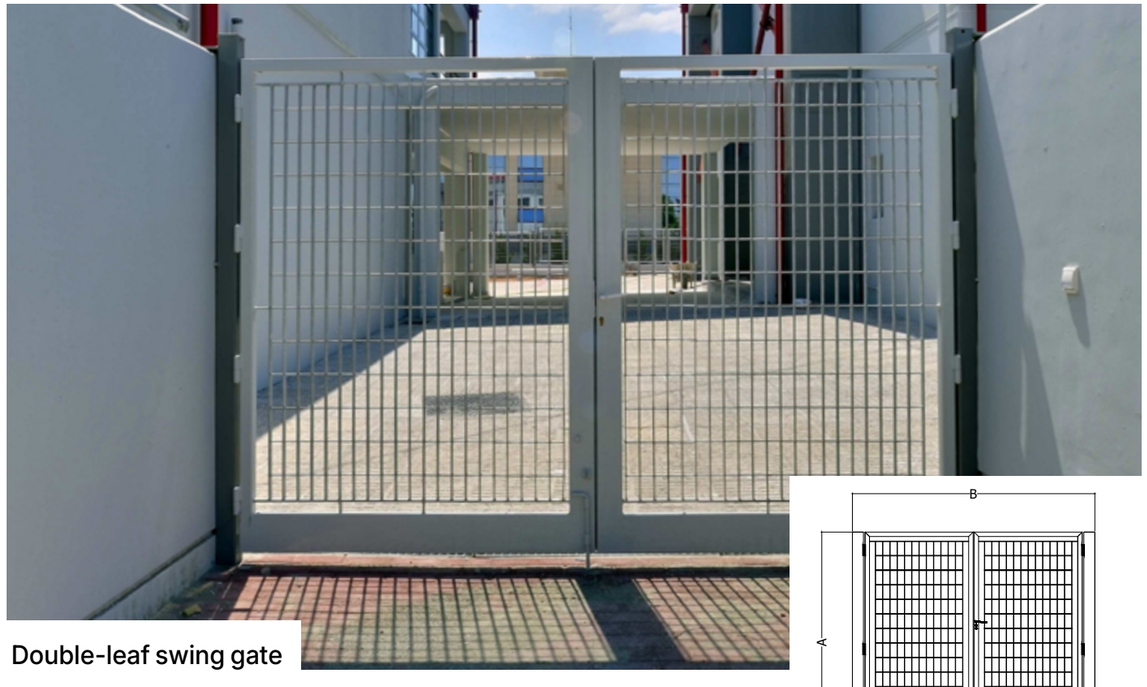
Single-leaf swing gate

mak gratings manufactures heavy-duty fencing gates, hot-dip galvanised to ISO 1461. These are single-leaf or double-leaf swing gates, with a frame made from rectangular hollow sections (RHS), infill using a grating fencing panel, gate posts made from hollow sections, heavy-duty hinges, latches, handles and locks.

Gates are manufactured without bottom rails (lower hollow sections) unless requested by the customer. All gates are compatible with any fencing type and can be fitted with an electric operator.

Single-leaf A×B mm
(structural opening)





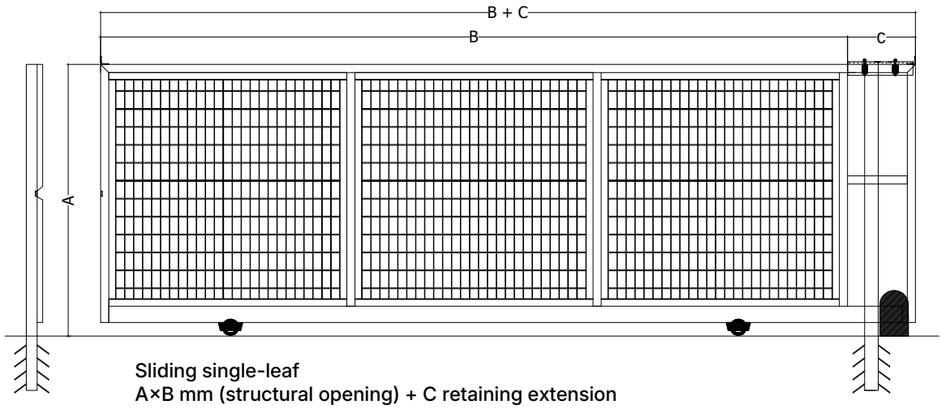
Double-leaf swing gate

Double-leaf A×B mm
(structural opening)

Sliding Gates



Sliding single-leaf metal gate



Sliding single-leaf
A×B mm (structural opening) + C retaining extension

The company manufactures sliding gates, hot-dip galvanised to ISO 1461, as single-leaf or double-leaf units, with a frame made from rectangular hollow sections (RHS), infill using a grating fencing panel, heavy-duty hollow-section posts and gate closing stops.

The rolling track consists of a UPN 100 channel and an angle 30×30×3 mm, installed in an opened trench prior to concreting. The system includes reinforced heavy-duty rollers, Teflon guide rollers, and a safety stop.

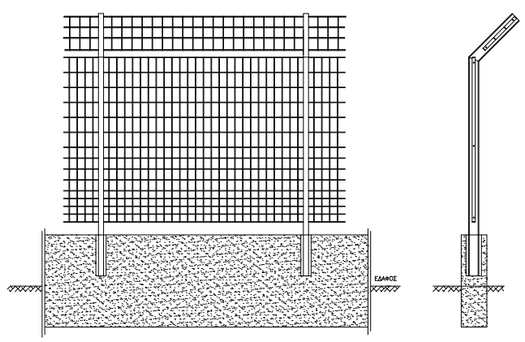


Sliding double-leaf metal gate

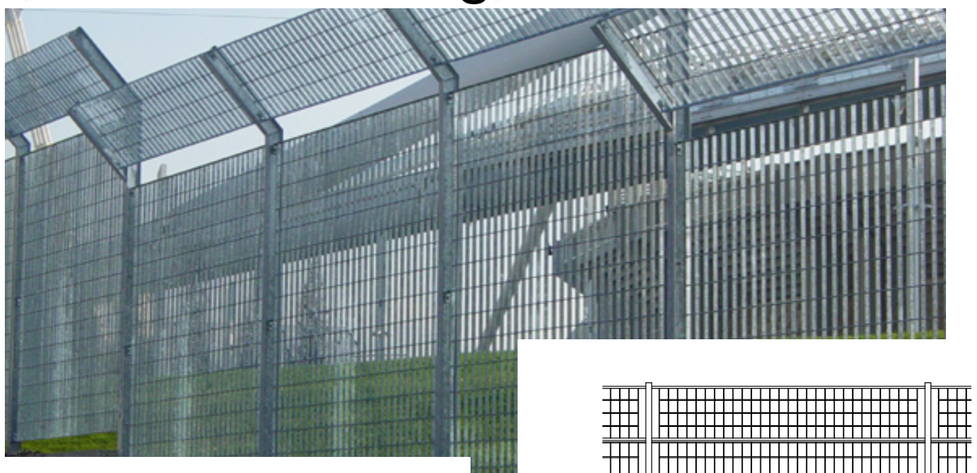
Sports Facilities (Internal Fencing)



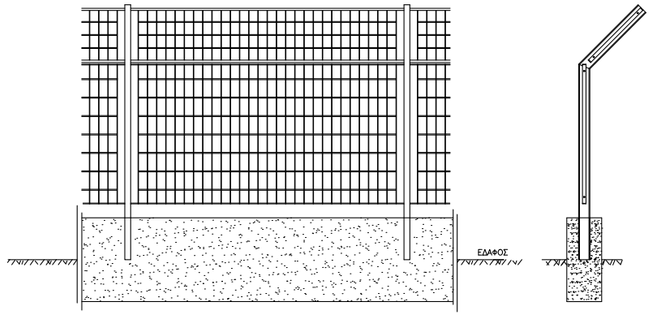
Internal fencing for sports facilities is used to define the playing area, maintain player safety, and separate game zones. It is manufactured from interpenetrated grating with a variable pitch (axial), horizontal bearing bars 30/5, and standard post centres (axial) 2 m.



Sports facilities (external fencing)



External sports facility fencing is designed to control entry, prevent unauthorised access, and maintain the safety of the sports premises. It is manufactured with vertical bearing bars (mainly 25/3 mm) and a pitch (axial) 66 × 132 mm, with standard post centres (axial) 2 m.



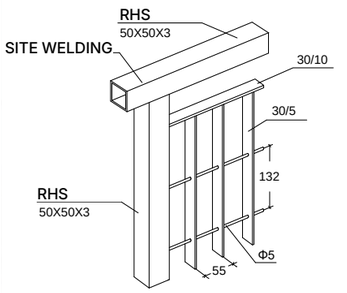
Schools (Narrow Mesh)



This fencing type protects children and visitors by preventing uncontrolled entry and exit.

Manufactured with narrow mesh to prevent climbing and injuries, using environmentally responsible materials that are durable in continuous use, reinforced, and hot-dip galvanised.

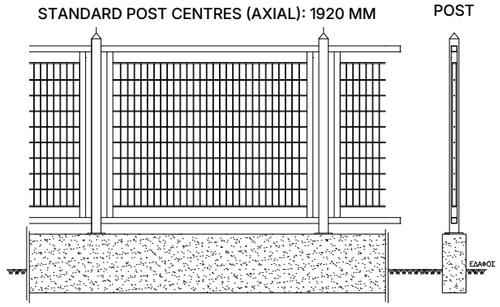
FENCING DETAIL



GRATING ΠΚ-Γ', 30/5, 55 × 132, Ø6

STANDARD POST CENTRES (AXIAL): 1920 MM

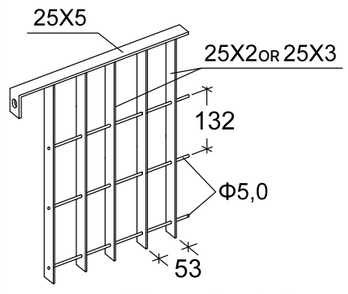
POST



Playgrounds (narrow mesh)



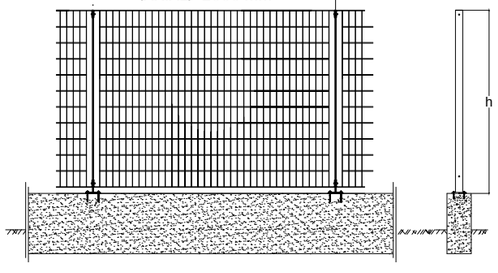
FENCING DETAIL



WITH NARROW ANTI-CLIMB MESH 53X132MM

STANDARD POST CENTRES (AXIAL): 2000 MM

POST



Hospitals



These fencing solutions protect against unauthorised access, safeguarding the operational integrity of the facilities.

Railways



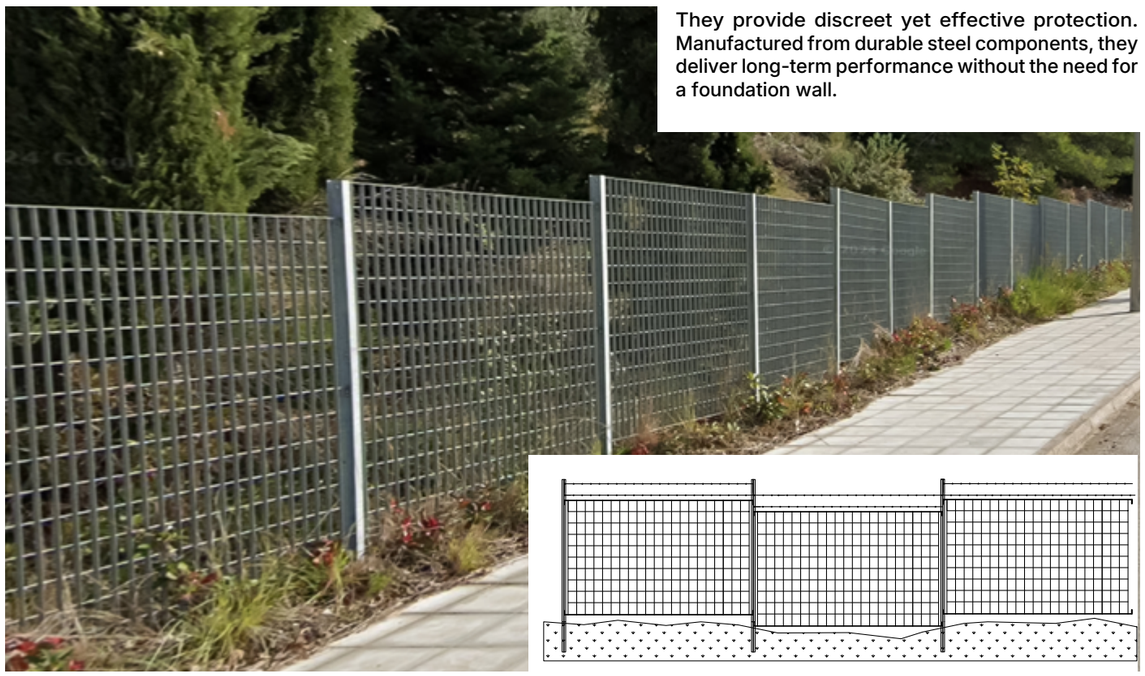
Kennels

Kennel fencing is manufactured from materials resistant to weather conditions and continuous use, providing safe and discreet isolation for the animals housed.



Farmland and PV Parks

They provide discreet yet effective protection. Manufactured from durable steel components, they deliver long-term performance without the need for a foundation wall.



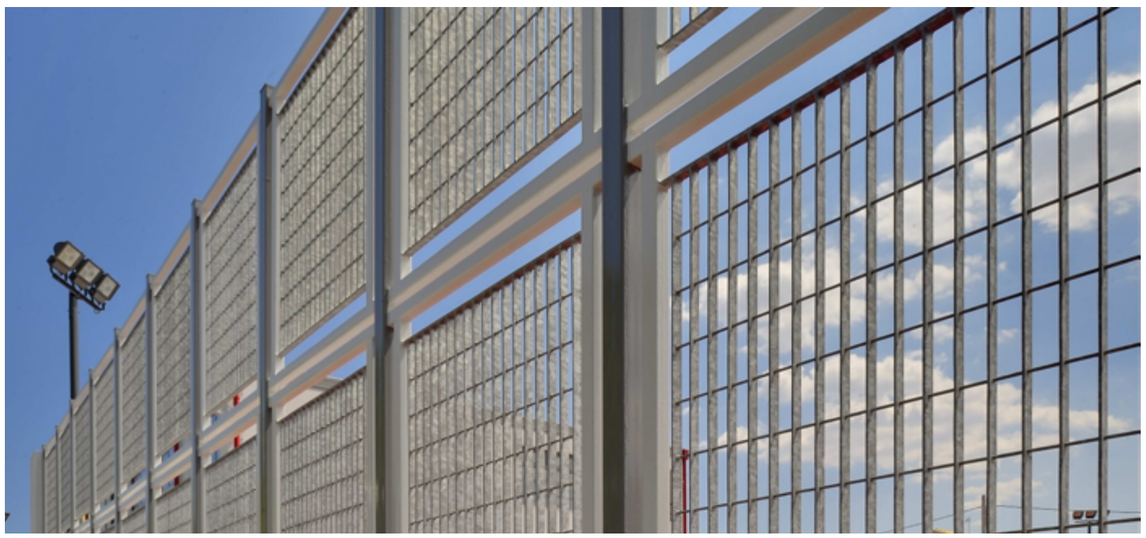
Anti-Glare Screens

Anti-glare screens are used on high-speed roads and bridges, reducing visual disturbance from the headlights of oncoming vehicles and providing added safety.



Tall Fencing

Increasing the height of the fencing and using reinforced posts makes unauthorised entry significantly more difficult. This type of fencing often includes double fence panels, adding an extra layer of protection.



Fence Security Systems



With concertina wire

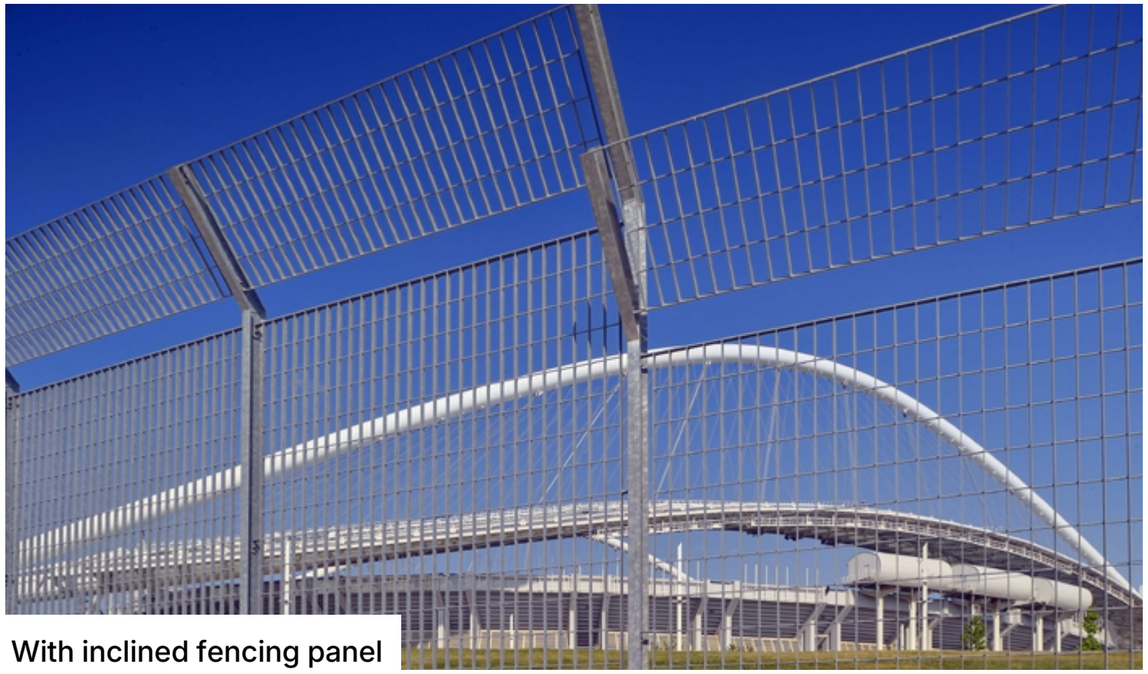
Where security is a priority, fencing cannot be merely a visual boundary. It must function as a genuine physical barrier, deterring unauthorised access. Standard fencing is not sufficient for sites requiring enhanced protection, especially industrial facilities, substations, military zones, or sensitive infrastructure.



With barbed wire



With saw-toothed bar



With inclined fencing panel

mak gratings offers specialised anti-theft and reinforced fencing solutions, tailored to the requirements of each project. Each option strengthens security by increasing the level of protection on site.



With bevel-cut bar on every one or every two bearing bars



With braces

Using angle plates for additional reinforcement of the posts in areas exposed to strong winds or snowfall.

OtherArchitectural Applications using hot-dip galvanised gratings



mak gratings steel components are used as structural and architectural elements in outdoor and semi-covered spaces. Forge-welded gratings and interpenetrated gratings give architects a wide range of possibilities and technical solutions.







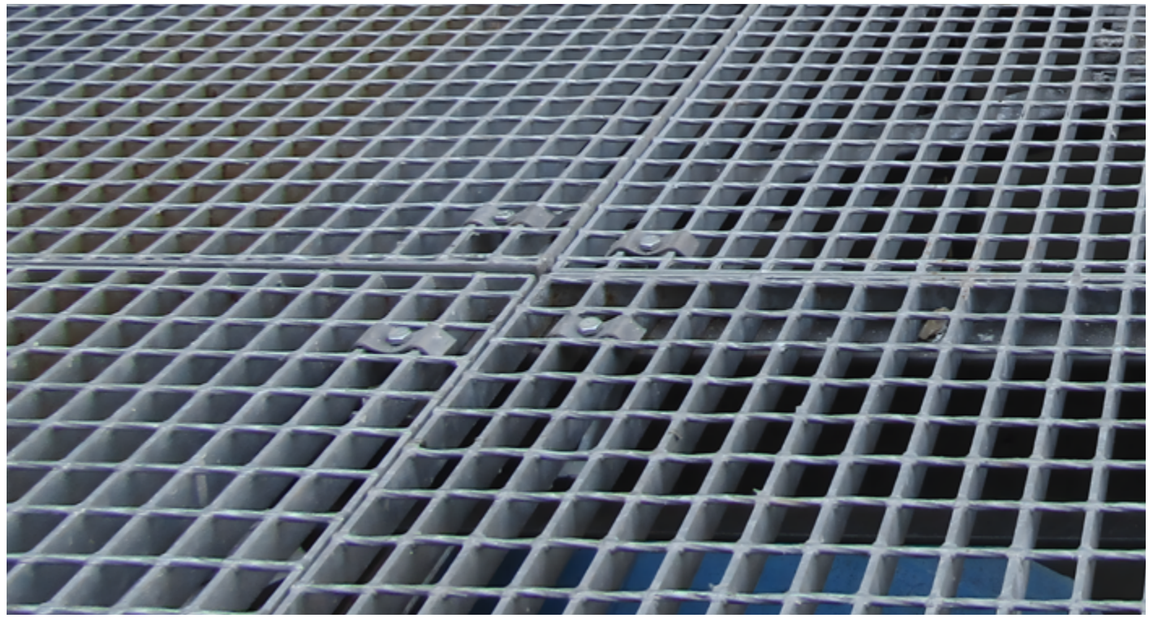


Metal surfaces for architectural applications

Applications include building façades, pergolas, semi-transparent partitions, barriers for parking areas, and cladding for structures where functional or aesthetic criteria are required. Elements are designed on a case-by-case basis and delivered ready for installation.



Fixings & Fasteners



For gratings and treads

Standard grating fixing clips

For connecting gratings to steel support beams.





Double grating fixing clips

For a rigid connection between adjacent grating panels.



M12×30 bolts and M12 nuts for treads

For fixing grating treads to stair stringers.





For guardrails and posts

Tamper-resistant (anti-theft) stainless steel bolts

For secure fastening of guardrails to posts.





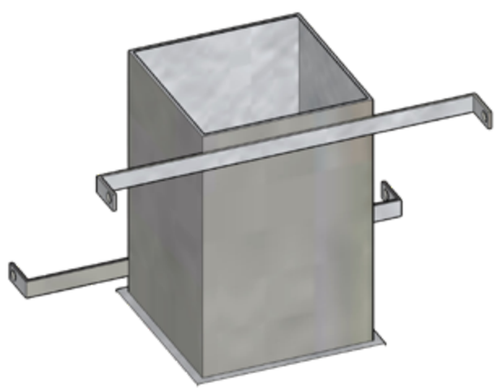
Metal expansion anchors

For anchoring posts to base walls.





Metal box housings for fencing/guardrails



Metal Products

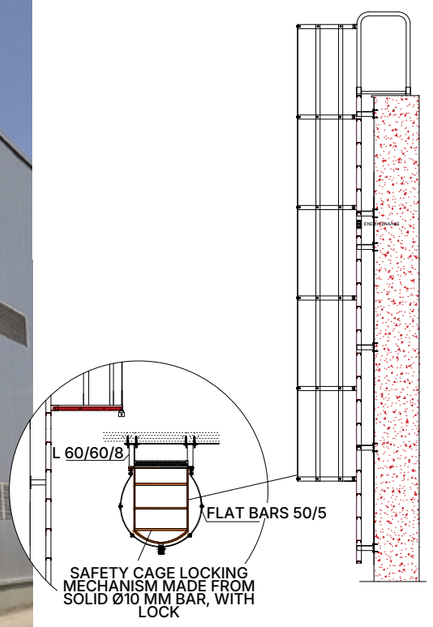
Fixed Access Ladders



mak gratings fixed access ladders are designed in accordance with the international safety standards DIN 24532 and EN ISO 14122-4 for maximum safety. They are manufactured from durable steel materials, with anti-slip rungs and an optional safety cage. Thanks to hot-dip galvanising, they resist corrosion and maintain long-term stability.

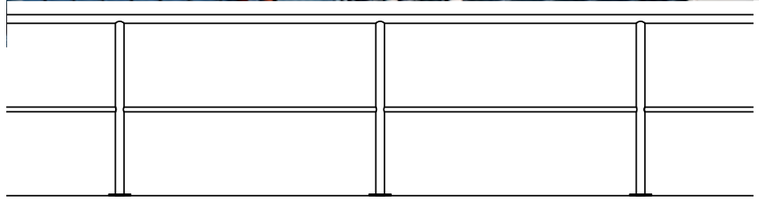
Fixed ladders can also be manufactured without a safety cage.

LADDER JOINT



Industrial Tubular Guardrails



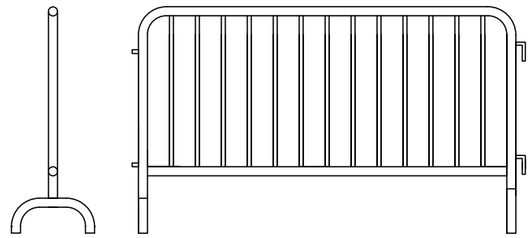


For industrial environments where safety is a priority.

Mobile Tubular Guardrails



Mobile tubular guardrails provide a fast and effective solution for area demarcation and public protection. They enable quick transport, installation and storage, making them ideal for temporary set-ups at any type of event or site.



Specifications - Quality control

mak gratings applies state-of-the-art production methods and European standards to deliver assured quality.

A certified Quality Management System in accordance with EN ISO 9001:2015, and certified welders to ISO 9606-1.

Factory Production Control (FPC) in accordance with EN 1090-1:2009+A1:2011, EXC2.

For hot-dip galvanising (ISO 1461) of its products, it works with certified galvanising partners.

Products are manufactured from structural steel in accordance with EN 10025, mainly S235JR, and on request S235J2 (-20°C) and S275JR.





EURO CERT

Certificate Number: 00.12.0676
Date of Initial Issue: 29/09/2015
Date of the Validity of the current Certificate from: 25/11/2020
The Certificate is valid until: 25/11/2023

CERTIFICATE

EUROCERT S.A. certifies that the company

MAK GRATINGS IKE

STAVROS AMYGDALEONA, GR 64012, KAVALA, GREECE

implements a Quality Management System according to the Standard:

EN ISO 9001:2015

for the following Scope of Certification:

DESIGN, PRODUCTION AND AFTER SALES SERVICE OF METALLIC PRODUCTS AND INDUSTRIAL GRATINGS MADE OF CONSTRUCTION STEEL AND STAINLESS STEEL.

On behalf of EUROCERT S.A.
Chalkiopoulou Athi
General Certification Director

ATHANASIA CHALKIOPOULOU

Lack of fulfillment of the conditions set out in the contract No.22.000628.24, makes this Certificate invalid.
The validity of this Certificate is subject to annual surveillance.
Check the validity of the Certificate with the QR code at right.

EUROCERT S.A. 89 Dirkis & Iphestionos str., 144 52, Metamorphosi - Greece
T.+30 210 62 52 495, +30 210 62 52 827, F.+30 210 62 05 018, M.eurocert@otenet.gr



EURO CERT

Certificate No: 1128-CPR - 10.00.0441
Date of Initial Issue: 13/05/2022
Date of Reissue: 26/06/2025
The Certificate is valid until: 25/06/2028

CERTIFICATE

of Conformity of the Factory Production Control

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s):

	Metal Construction
Class (EXC)	EXC2
Design	Included
Declaration Method	2 & 3a (according table A1 of standard 1090-1:2009+A1:2011)
Welding Procedures	135, 121, 141, 111 (according standard EN 1090-2:2008+A1:2011, §7.3)
Metallic Materials Group	1.1 and 1.2
Welding Coordinator	I. Kordatos

placed on the market under the name or trade mark of:

MAK GRATINGS IKE
STAVROS AMYGDALEONA, KAVALA, 65500, GREECE

and produced in the manufacturing plant:

STAVROS AMYGDALEONA, KAVALA, 65500, GREECE

This Certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the Standard(s):
EN 1090-1:2009+A1:2011

under system 2+ are applied and that the Factory Production Control is assessed to be in conformity with the applicable requirements.

This Certificate was first issued on **13/05/2022** and will remain valid until **25/06/2028** as long as neither the harmonised Standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the Notified Factory Production Control Certification Body.

For the Notified Body,
Briskolas Georgios
President

GEORGIOS BRISKOLAS

Lack of fulfillment of the conditions set out in the contract No.08.000071.25, makes this Certificate invalid.
Check the validity of the Certificate by scanning the QR code on right.
The validity of this Certificate is subject to annual surveillance.

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