



## Welded mesh

### A sensible long-term investment

Consistent use of well-engineered welded mesh systems make Gunnebo welded mesh mats a sensible investment for the long-term.

Undertaking a cost-benefit analysis will quickly show the optimum welded mesh type for the property. The long service life of Gunnebo welded mesh is guaranteed by the modern corrosion protection offered by galvanizing

and extra powder coating. The post variants and various welded mesh offered by the Gunnebo range are fixed using locking screws, clips, connecting strips, strips with U-shaped recesses, U-shaped brackets, clip bolts or the new Secu-Fix® system. Welded mesh mats and fixing systems from Gunnebo. For the most stringent of requirements and maximum stability.

# Welded mesh

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## GM type welded mesh

Double wire mats are made of high quality drawn steel. One wire (6mm) runs vertically and two wires (8mm) run horizontally. They are welded together in a square join at the intersects. The most stable of double wire welded mesh mats offering the highest level of security. The top end of the mat can either be supplied with blunt or sharpened round bars.

## GM-LT type

Welded mesh made from drawn steel wires 5 mm in diameter which are welded into square joints at the intersects. A fold (36/100mm) is used as reinforcement, the quantities used depending on height. Given that the folds are relatively small, the sheet has a very appealing look.

## GM-S type

Double wire made of drawn steel wires. One such wire (5mm) runs vertically and two such wires (6mm) run horizontally. They are welded together in a square join at the intersects. A low-cost alternative to the GM. The top end of the welded mesh panel can either be supplied with blunt or sharpened round bars.

## GM-L type

Lightweight single wire panel made from drawn steel wires 5mm in diameter which are welded into square joints at the intersects. Folds are used as reinforcement, the quantities used depending on height. From a design standpoint, these elements lend the fence structure and depth. This type is a low-cost alternative to the mesh wire fence.

## “Everything from one source”

“Everything from one source” is our principle. Planning, manufacturing, installation and maintenance is our competence. Gunnebo stands at your side as a strong and experienced partner.

### Welded mesh

- Modular system
- Can be adapted to your security requirements
- Different mesh widths and versions
- Various wire versions
- All RAL coatings available
- Corrosion protection conforming to DIN EN ISO
- Galvanising ensures long service life and different colours can be produced by additional powder coating
- Durability

We reserve the right to alter product information without any obligation.





## Palisade fencing

Steel palisade fencing. High security with sectional steel.

Producing a fence to fit in with a challenging architecture and the security required is certainly one of the most difficult of property planning tasks. The impact of the construction is emphasised by the fencing system required.

Protection of property must however also offer the level of security needed in order to prevent any attempts to penetrate the site. Gunnebo palisade made from steel sections is the ideal solution for this task and can also be supplied in

special varieties. In collaboration with the planner, totally new concepts can be developed to match the necessary part of the structure.

This produces the harmony needed between a building and its exterior security system while also satisfying design and security-specific requirements.

# Palisade fencing

Steel palisade fencing. High security with sectional steel.

## FGZ type

The FGZ is suited to customers with high security requirements and the need for a good design. These systems can be used both at the front of commercial properties and in the public sector: Possible applications include security companies and big business as well as airports and hospitals. The FGZ is fitted with a frame. This design feature alone makes it an extremely robust model. The FGZ is very easy to fit and is characterised especially by a long service life and high resistance. Its outstanding levels of stability are due in no small part to both the use of high quality materials and modern fixing technologies. Special designs are possible which allow customer-specific requests to be taken into account in this model and the fence can be produced following particular specifications.

## FGZ-L + FGZ-LR type

The FGZ-L and FGZ-LR are a little lighter weight versions which has meant a slight change in their visual appearance. Rectangular pipes are welded into the FGZ-L between the horizontal top and bottom channel while round pipes are fitted in the same place in the FGZ-LR. The requirements made of these front lattice fencing types are similar to those of the FGZ model. They satisfy customer security requirements graded as medium to high. The criteria listed for FGZ also apply to this category but are changed slightly: The FGZ-L and FGZ-LR front lattice fencing types have long service lives and are resistant to weathering and attempts by intruders to enter the site. Their attractive design is often a deciding factor in favour of this effective security system. Unlike the FGZ, the FGZ-L and FGZ-LR are only available in standard field widths. These can be easily adapted on-site. The aforementioned front lattice types can be supplied with a serrated strip to prevent intruders from climbing over.

## FGZ-A type

The set of requirements made of the FGZ-palisade fencing match those of the FGZ. However the tops of the downward bars in this model have angled extensions welded on. This also provides another highly effective barrier to prevent intruders from climbing over.

## FGZ-LQÜ + FGZ-LRÜ type

The set of requirements made of the FGZ-LRÜ and FGZ-LQÜ front lattice fencings match those of FGZ-L and FGZ-LR. Unlike the aforementioned types, the vertical spears in these models are inserted through the top and bottom channels. In the FGZ-LQÜ, the square pipe filling is angled at 45° to the fence axis. Both types can be supplied with projecting spear ends cut to an angle, providing even more effective protection against intruders climbing over.

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### Features

- Stable frame design
- Numerous possible designs
- Attractive design
- Special designs
- Corrosion protection conforming to DIN EN ISO
- Galvanising ensures long service life and different colours can be produced by additional powder coating
- Can be adapted to your strict security requirements

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## Triangular Fence Post

The ultimate solution for fencing

Triangular fence posts feature a robust assembly flange that is especially designed for the versatile requirements of fencing. The assembly flange runs along the complete length of the post and permits the use of every type of attachment used for fence construction at any user-defined position on the post.

The triangular sectional steel posts are manufactured in parallel running form with continuous cross section (type DP) or in tapered form (upwards tapering, type DPK) and can be unobtrusively integrated into the landscape. Triangular posts are an ideal combination of technology and design.

There are no pre-determined positions which force that the wires are attached at specified points, e.g. bore holes, pins or lugs. The triangular post guarantees security.

The tapered post with its high values of resistance is widely used for sites with high security requirements, for example military installations. This post is also available with an additional concrete infill.

Barbed wire holders increase the security provided. All barbed wire holders can be permanently fitted at any time onto the posts, even after the fence has been erected.

# Triangular Fence Post

The ultimate solution for fencing

## Two standard colours are available as a stock standard

- RAL 6005      moss green
- RAL 7030      stone grey

*All other RAL colours are only available on special request.*

## Corrosion protection

The fence posts are uniformly hot dip Zinc-aluminium galvanised on the inside and outside and have a highly-adhesive, external thermally hardened plastic coating.

Compared to most common systems, the posts are capped with a cap made of zinc diecasting. The cap can not be removed from the profile.

The anti-corrosion protection zinkalplast® (zinc-aluminium hot dip alloy coating plus bonded plastic) has a synergetic effect. The length of protection provided by these composite elements is much longer than the sum of the individual lives of a zinc-aluminium hot dip alloy coating and bonded plastic. Therefore, a decomposition of zinc-aluminium is avoided even in heavily polluted atmospheres.

The zinkalplast® long-term corrosion protection is maintenance-free and leads to a lifetime two to three times as long than pure galvanising.

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