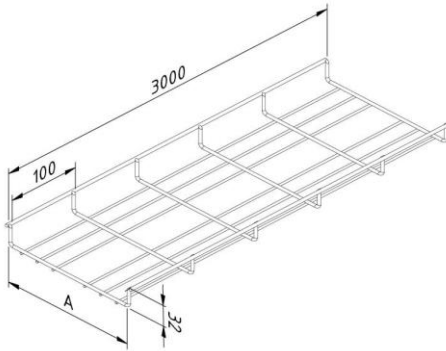


Technical specifications

MTL35-PG (Mesh Tray light)



| Finishing: | Pre-galvanized | | | | | | | |
|---------------|----------------|----------------|---------------|----------------|---------------|--------------|------|---------------------|
| Product | Number | Height (mm) | Width (mm) | Length (mm) | Dim A (mm) | Fmax (kN) | Unit | Packaging (unit) |
| MTL35-100-3PG | 15108 | 35 | 100 | 3000 | 100 | | M | 3 |
| MTL35-150-3PG | 15109 | 35 | 150 | 3000 | 150 | | M | 3 |
| MTL35-200-3PG | 15110 | 35 | 200 | 3000 | 200 | | M | 3 |
| MTL35-350-3PG | 15111 | 35 | 350 | 3000 | 350 | | M | 3 |

Mounting instructions:

-

Load capacity:

Standard: -

Max. load: -

Load diagram: -

Information:

Coupler: -

Equipotential bonding: IEC61537

EC declaration: EC directive 2006/95/EC (Low voltage) as modified by directive 93/68/EEC (CE marking)

PG

Senzimir galvanized (EN 10143) PG (pre-galvanized)

Products made of Sendzimir (pre-galvanized) or continuous hot-dip galvanized steel sheet and coils are mostly used wherever limited chemical contamination is likely, for example, in offices, industrial buildings, covered parking lots, etc.

Characteristic of this steel type is that – prior to mechanical deformation – it is given a zinc coating by means of a continuous dipping process. This zinc coating is easily deformed. A cathodic action occurs on cut surfaces (up to 1.5mm) that protects against oxidation.

First, the steel is chemical cleaned and roughened in order to achieve a good bond. After the dipping process, the surplus zinc is blown off and one obtains an extra passivating coat (an ultra-thin protective coat) to prevent oxidation of the zinc coating (white rust). The coating thickness is usually expressed in g/m². The most deployed type of Sendzimir steel is Z 275 = 275g/m² (weighed on both sides), this corresponds to 18-20 µm (micron).

Senzimir galvanized steel sourced from modern galvanizing lines has, in general, a uniform, shiny appearance. The previous, common flowery surface is scarcely seen these days. This effect is obtained under the influence of lead but has no effect on the quality of the coating. The use of lead was banned due to the ever more stringent environmental standards.

Field of application according to resistance against corrosion:

| Corrosion class | Atmospheric corrosion | Indoor environment | Outdoor environment | Surface treatments |
|-----------------|-----------------------|---|---|---|
| C1 | < 0,1µm | Heated buildings with neutral atmospheres: offices, shops, schools, hotels. | | Electro-galvanised (EG) EN ISO 2081 |
| C2 | 0,1 - 0,7µm | Unheated buildings where condensation may occur: sports halls, warehouses, shops. | Rural areas. Atmosphere with low impurities. | Pre-galvanised (PG) EN 10327 – EN 10143 |
| C3 | 0,7 - 2µm | Production facilities with high moisture levels and some air impurities due to industrial processes: production plants. | City and industrial atmosphere, some impurities, coastal areas with low salt loads. | Dipped-galvanised (DG) EN ISO 1461 |
| C4 | 2 - 4µm | Production facilities with high moisture levels and high air impurities due to industrial processes: swimming pools, Chemical industry. | Industrial areas and coastal areas with low salt load. | Dipped-galvanised (DG) EN ISO 1461 Polyester coating (CO) EN ISO 12944 |
| C5-I | 4 - 8µm | Polyester coating (CO) | Industrial areas with high moisture level and aggressive atmosphere. | Duplex (DU) (Dipped galvanised + Polyester coating) |
| C5-M | 4 - 8 µm | EN ISO 12944 | Coastal or offshore areas with salt load. | Duplex (DU) (Dipped galvanised + Polyester coating) |