



Technical conditions of deliveries

Dear customer,

These technical delivery conditions are settled on the basis of experience, which we have gained during the deliveries of perforated materials. Please read them properly, they can be useful for understanding of some details, which are important for choice of particular material as well as for right application of particular material.

Thank You.

Steel gratings and stair treads

- The production of the gratings is in accordance with the standard DIN 24 537, the production of stair treads is in accordance with the standard DIN 24 531. Dimensional tolerances are according to standard RAL-CZ 638.
- The parameters and execution of the gratings and stair treads are regularly verified by State test room (TZÚS).
- The gratings and stair treads are produced from mild steel quality S235 and from stainless steel – in the most often time from quality W.Nr. 1.4301.

Technical recommendations

Surface treatment of gratings and stair treads from mild steel:

- Without any surface treatment (raw) – the surface rust is not considered as the defect.
- Electro-galvanizing- it is for indoor application mainly and it isn't sufficient anti-rust protection in outdoor environment.
- Hot dip galvanizing - the most used and the most proper protection. It can not be considered as the „silver decorative element“. Small disparities, bloom, cuticles or white rust are not considered as the defect of the product.

Surface treatment of gratings and stair treads from stainless steel:

- Without any surface treatment (natural) – brown stains from the welding will start to rust, the gratings and stair treads should be macerated at least.
- Macerating – the restoring of the anti-rust layer, the equable dull surface.
- Electrochemical polishing - the restoring of the anti-rust layer, the equable glossy surface.