

GALVANISED STEEL



Material description

Hot dip galvanising is a form of galvanising. The process involves coating the metal with zinc by immersing the product in a molten zinc bath of approximately 460 ° Celsius. This creates a beautiful speckled material that protects the metal against corrosion due to weather influences.

Our standard RAL colours are: RAL 7021, RAL 7035 and RAL 9016. Almost all other standard RAL colours are possible (this may incur start-up costs).

SPECIFICATIONS

Advantages

- Very strong and wear-resistant
- Low maintenance
- Weatherproof and durable material

Appearance

- Grey speckled pattern
- Dull over time
- No posttreatment required

Points of attention

- With hot-dip galvanised sheet material, the surface can undulate slightly.
- All packaging materials must immediately be removed from the products.
- Drilling/grinding is not permitted.

Process

First the steel is degreased and then pickled (to remove all surface impurities). Degreasing generally takes place with a hot, highly alkaline solution. During the galvanising process, it is ensured that an alloy is formed between steel or iron and zinc, often with a layer of pure zinc around it. The steel is immersed in molten zinc with a temperature of ± 450 ° C. The temperature results in an alloy.

Note! Zinc is a natural process. Every planter has its own nuance after production, which will change over time.

