



## CORTEN STEEL



### Material description

Corten steel, also known as weather-resistant steel, is a metal alloy consisting of iron to which copper, silicon, nickel and chromium have been added. Corten steel is a strong type of steel, which is comparable to the strength of common construction steels.

COR-TEN® VS Corten steel:

COR-TEN® is a brand name and was produced under license from US Steel in the past. We only use Corten steel A quality (S355JOWP).

## SPECIFICATIONS

### Advantages

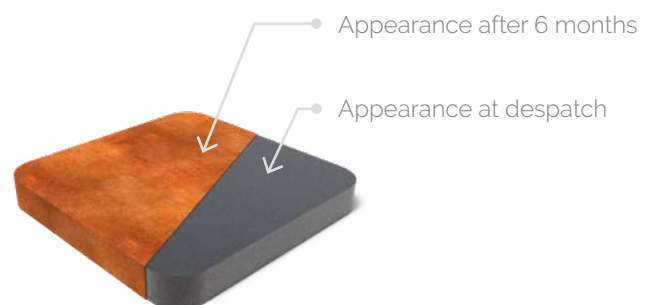
- Very strong and wear-resistant
- 100% recyclable
- Low maintenance
- Weatherproof and durable material
- Warm and natural appearance
- Rust can be fixed by applying Owatrol varnish

### Points of attention

- Corten Steel should never be constantly in moisture, it should drain well and ventilate in all situations.
- Products will be delivered un-rusted.
- We only use Corten steel type S355JOWP.
- Coastal areas: We do not recommend using Corten steel within a radius of 2 km from a coastline.
- During the weathering process rust residue can come off the product.

### Properties

Corten steel is a strong type of steel that has the property of being covered with a protective rust layer when exposed to the outside air. This natural solid and very dense layer forms the protection against further corrosion, by limiting the deeper material to oxygen. No paint or coating is required to prevent further deterioration. Characteristic of Corten steel is the brown-orange rust colour and the long life span. Our Corten Steel products are delivered without rust.



# ACCESSORIES

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All our accessories meet the highest standards and are an highly suitable addition to our products. Visit [www.furns.com](http://www.furns.com) for a complete overview of our accessories.



### RUST ACCELERATOR

Our Corten Steel products are delivered un-rusted and the weathering process will take approximately 4-5 months. This process can be accelerated with the BIO rust accelerator available on our website. Always read the descriptions on the packaging carefully before use.



### CORTEN VARNISH

Corten varnish can be applied to the Corten Steel products to stop the weathering process. Always read the descriptions on the packaging carefully before use.