

ACERO CORTEN

CORTEN STEEL MANUFACTURING
FABRICATION DE L'ACIER CORTEN



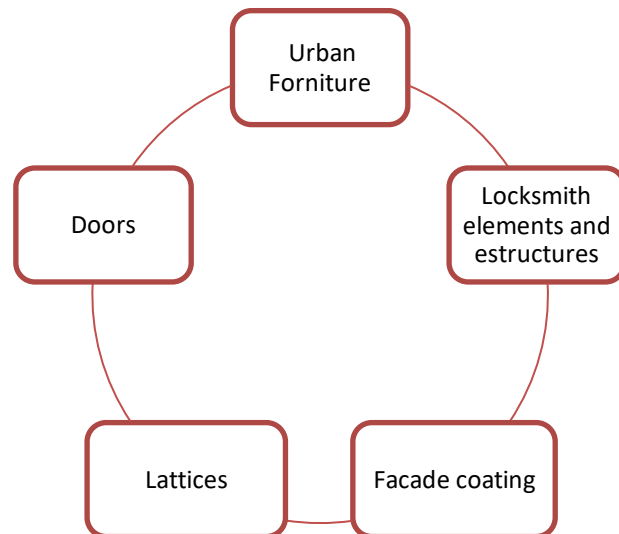
INTRODUCTION

Corten it's a very resistant steel with a contribution of Nickel, Chrome and Copper, which provides a reddish appearance.

The oxidation phases are the following:

1. The rust coating acquires its thickness, form and oxidizes quickly turning the steel's hue and becoming the rust into coating.
2. Reaches a point of stabilization during the first 4/6 years.
3. From 8/10 years the oxidation process is at a very slow speed and inappreciable to appearance y durability.

Its main characteristics are it is a steel of great architectural value with the consequent of becoming very fashionable in the construction. The corten override the negative effects of rust, becoming this steel into a modern product, easy to install and with null maintenance.



SERVICES

Sheets and tubes cutting.



Sheets folding.



TUBE

We have I wide range of corten tubes (length 6.000 mm) in permanent stock. For any other measure, please consult us.

CALIDAD: S-355-J2HWP

Square	Rectangular	Round
□ 20X20X2*	□ 40X20X2*	Ø 168X 3 *
□ 30X30X2*	□ 50X30X2*	Ø 89,3X3 *
□ 40X40X2*	□ 60X30X3*	Ø 60,3X3 *
□ 40X40X3*	□ 60X40X2*	Ø 50X2 *
□ 50X50X2*	□ 60X40X3*	Ø 40X2 *
□ 50X50X3*	□ 80X40X2*	Ø 30X2 *
□ 60X60X2*	□ 80X40X3*	Ø 20X2 *
□ 60X60X3*	□ 100X50X2*	
□ 80X80X2*	□ 120X60X3*	
□ 80x80x3*	□ 140X80X3 C	
□ 100X100X3*		
□ 120X120X3*		

*STOCK

C CONSULT

SHEETS

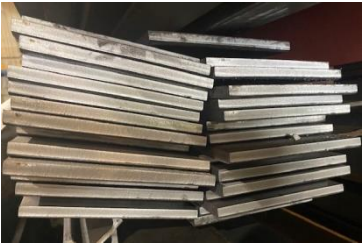
We have a wide variety of measures in our corten sheets.

CONSULTAR OTHER MEASURES

BLACK S355J2WP	COLD LAMINATION LAF-INDATEN_HC315WP-A-M-O
2000X1000X2	2000X1000X1.5
3000X1500X2	3000X1500X1.5
2000X1000X3	2000X1000X2
3000X1500X3	2500X1250X2
2000X1000X4	3000X1500X2
3000X1500X4	
2000X1000X5	
3000X1500X5	
3000X1500X6	
3000X1500X8	
3000X1500X10	
3000X1500X15	
6000X1500X15	
3000X1500X20	
6000X1500X20	

FLATS

40X8
50X10
100X10
200X10



ELECTRODES

The special electrode for corten is an electrode with a moisture resistant coating, LMA, alloyed with Ni y Cu, which provides a metal with good resistance to corrosion by seawater and combustion gases. It is suitable for welding resistant steels outdoor (COR-TEN) and for shipbuilding. This electrode can be used for all types of joints and welding positions.



RUST ACTIVATOR METALCORTEN®

Aqueous acid solution with copper salts. Registered trademark product by METALCORTEN on specific studies and tests for corten steel.

- We recommend applying it on our CORTEN sheet and tube quality HC315WP-A-M-O INDATEN or clean black sheet and tube.
- To create an iron oxide finish on any ferrous metal (from orange to brown, depending on time and number of applications), apply with a brush, roller or spray gun.
- INSTRUCTIONS FOR USE: apply on clean, dry and oil-free surfaces, without rust.
- RECOMENDATION BEFORE THE APPLICATION : blast with aluminom silicate or grind and clean with radial abrasive discs before applying or on INDATEN type sheets without oils.
- Don't apply if the temperature is bellow 14° or above 29°. Wait 10 minutes before the second application.
- PERFORMANCE: 12-14 M2 / L
- PACKAGE: 1,0 L / 5,0 L



RUST SEALER METALCORTEN®

WATER BASED ACRYLIC SEALER TO SEAL AND RETAIN THE RUST.

- INSTRUCTIONS FOR USE: Once the desired finish and rust color has been achieve, on a rusty surface without flakes and previously rinsed, apply pressurized water or nylon brushing.
- Allow to dry 24 hours to apply two coats, a first diluted 50% and a later one undiluted.
- Drying time before applying another coat is 3 hours.
- PERFORMANCE: 8 m2 / L
- PACKAGE: 1,0 L / 5,0 L

