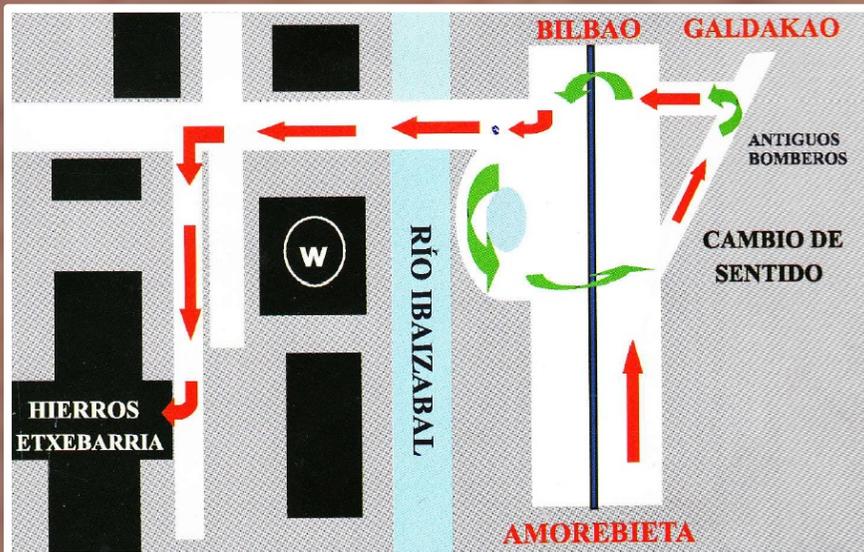


# CORTEN STEEL

HIERROS ETXEBARRIA, S.L.



POLIGONO BEKEA, NAVES N  4, 5 y 6

Telf.: (+34) 94 457 18 55 - fax: (+34) 94 457 20 03

48.960 GALDAKAO (Bizkaia), Espa a

[www.hierrosetxebarria.com](http://www.hierrosetxebarria.com)

[clientes@hierrosetxebarria.com](mailto:clientes@hierrosetxebarria.com)



(+34)639208962

POLIGONO BEKEA, NAVES N  4, 5 y 6

[clientes@hierrosetxebarria.com](mailto:clientes@hierrosetxebarria.com)

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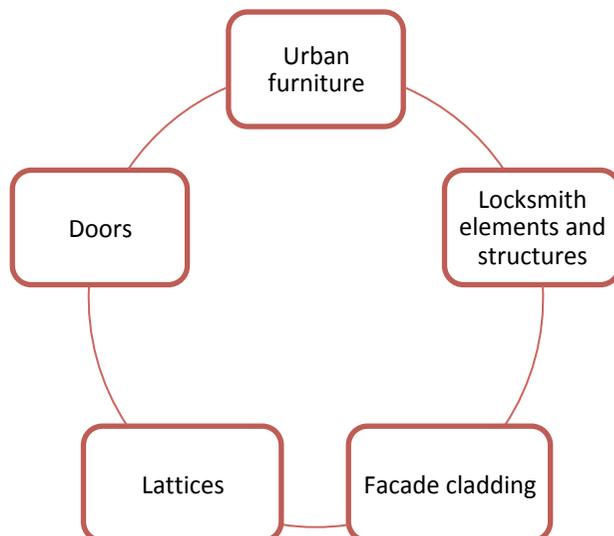
### INTRODUCTION

It is a very resistant steel with contribution of nickel, chromium and copper, which provides a red appearance.

The phases of the oxide film are the following::

1. The oxide film acquires its thickness, shape and oxidizes fast changing the tonality of the steel and turning the oxide into paint.
2. The oxide film reaches a stabilization point during the first 4/6 years.
3. From 8/10 years in the oxidation process is at a very slow speed and imperceptible to appearance and durability.

Its main feature is that it is a steel of great architectural value with the consequent of becoming very fashionable in the main buildings. The Corten steel cancels the negative effects of the rust making this steel a modern product, easy to install and without no maintenance.



## SERVICES

Cutting of sheets and tubes to measure.



Sheet metal folding.



## TUBES

We have a wide range of corten tube (length 6000 millimeter) in permanent stock. For any other measure, do not hesitate to contact us.

QUALITY: S-355-J2HWP

## Square tube

- 20X20X2\*
- 30X30X2\*
- 40X40X2\*
- 40X40X3\*
- 50X50X2\*
- 50X50X3\*
- 60X60X2\*
- 60X60X3\*
- 80X80X2\*
- 100X100X3\*
- 120X120X3 C

## Rectangular tube

- 40X20X2\*
- 50X30X2\*
- 60X30X3\*
- 60X40X2\*
- 60X40X3\*
- 80X40X2\*
- 80X40X3\*
- 100X50X2\*
- 120X60X3 C
- 140X80X3 C

## Circular tube

- ∅ 100x3 \*
- ∅ 60x3 \*
- ∅ 50x2 \*
- ∅ 40x2 \*
- ∅ 30x2 \*
- ∅ 20x2 \*

\*STOCK

C CONSULT

**SMOOTHED METAL SHEET**

We have a large variety of sizes in our Corten metal sheets.

2000X1000X2	32 Kg
3000X1500X2	72 Kg
2000X1000X3	48 Kg
3000X1500X3	108 Kg
2000X1000X4	64 Kg
3000X1500X4	144 Kg
2000X1000X5	80 Kg
3000X1500X5	180 Kg
2000X1000X6	96 Kg
3000X1500X6	216 Kg
2000X1000X8	128 Kg
3000X1500X8	288 Kg
2000X1000X10	160 Kg
3000X1500X10	360 Kg



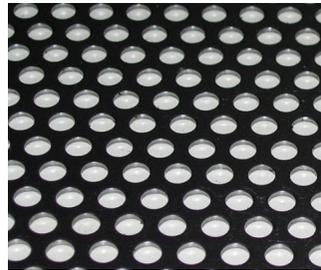
**PERFORATED METAL SHEET**

Circular perforation.

∅ 5

∅ 10

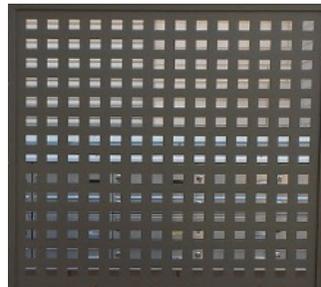
∅ 20



Square perforation.

□ 30x30

□ 40X40



**ELECTRODES**

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

