

REFERENCES

Country in which processes are carried out.

- Argentina
- Brazil
- Colombia
- United States
- Guatemala
- Mexico

MINING
Deposits are localized and the ore is extracted to be used afterwards.

HARBOR
The main materials arrive by ship to the company's private port.

BLAST FURNACE
It produces pig iron by melting iron ores in a reducing atmosphere.

BOF CONVERTER
The pig iron is converted to steel in the BOFs through pure oxygen blowing.

ROUGHING DOWN PROCESS CONTINUOUS CASTING
The steel is solidified by means of the continuous casting technique.

ROUGH DOWN STEEL
Exported to foreign markets.

HOT ROLLING
Thermo-mechanical steel treatment that reduces its thickness.

COLD ROLLING
Thickness is less than 2.5 mm, and specific mechanical characteristics and a final superficial finishing are obtained.

GALVANIZING PROCESS BY IMMERSION
The sheet is deflected by a roller and the zinc is swept with air by means of some blades. This process allows obtaining the desired coating.

PRE-PAINTING PROCESS
A coat of paint is applied on the sheet.

ELECTROZINC COATED STEEL PROCESS
A steel coil is coated with a layer of metallic zinc.

ELECTROLYTIC TINNING

TUBES AND PROFILES WELDING PROCESS

FLAT ROUGHING DOWN PROCESS CONTINUOUS CASTING
A flat thin solid product is obtained.

DIRECT REDUCTION
There are three modules for iron ore transformation into DRI*.

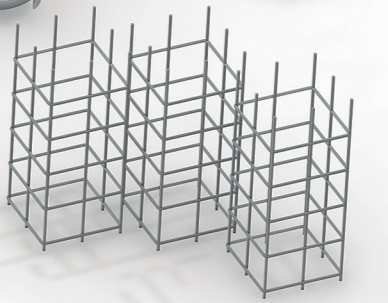
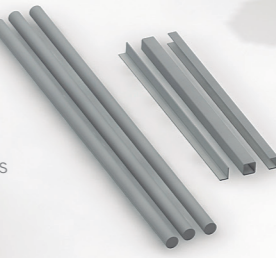
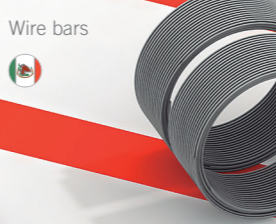
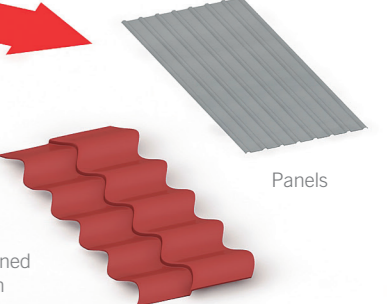
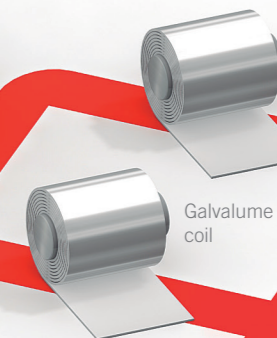
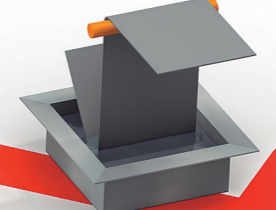
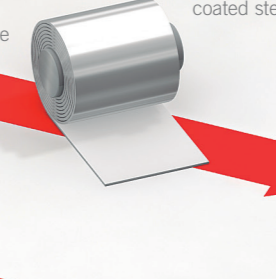
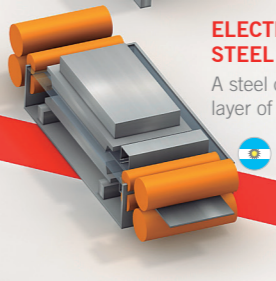
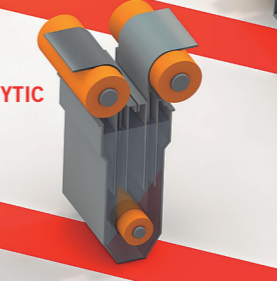
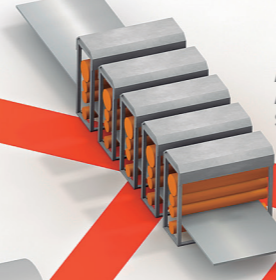
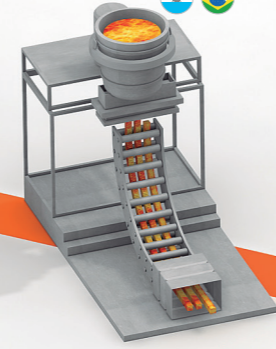
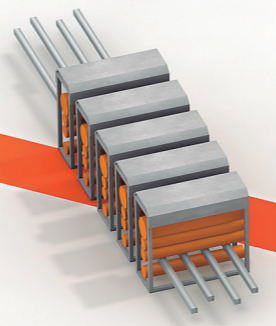
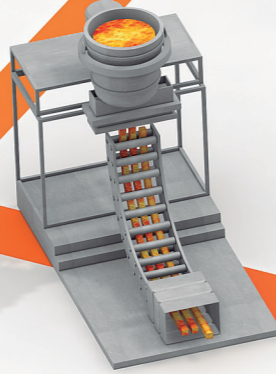
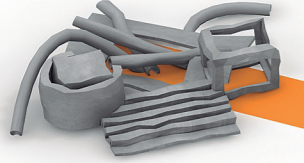
ELECTRIC ARC FURNACE
The raw material is melted and impurities present in loading materials are removed.

BARS AND BILLETS CONTINUOUS CASTING
The steel is solidified and bars and billets are obtained.

LONG PRODUCTS ROLLING
It consists in reducing the transversal section of the billet.

HIGH VALUE-ADDED PRODUCTS

SCRAP
Selection and preparation of scrap metal.



Bars

Tubes and profiles

Materials designed for construction

Panels

*DRI Direct reduced Iron