

ArcelorMittal South Africa



Flat Steel Products





Hot Rolled Plate

Hot rolled plate is manufactured in a wide range of sizes for applications in several industries varying from construction, pressure vessels and wear resistant plates.

Typical End Uses

Hot rolled plate is used in the manufacture of heavy engineering products and equipment used mainly in the construction, mining, pressure vessel, water and chemical storage and general fabrication industries. It is also heavily used for the production of wind towers.

For more information on hot rolled plate, please visit the datasheets online
<https://arcelormittalsa.com/Products/Flatsteelproducts/Hotrolledplate.aspx>



Hot Rolled Coil

Hot rolled coil is a mill process which involves rolling the steel at a high temperature where recrystallisation can readily occur.

Typical End Uses

Hot rolled coil is used in the manufacturing of general engineering products such as containers, mining equipment, drawing and forming applications like wheel rims, tube and pipes, agricultural implements, earth moving equipment, gas cylinders, truck trailers, water tanks, railway rolling stock, racking & shelving and solar trackers equipment.

For more information on hot rolled coil, please visit the datasheets online
<https://arcelormittalsa.com/Products/Flatsteelproducts/Hotrolledcoil.aspx>



Hot Rolled Coil Pickled and Oil

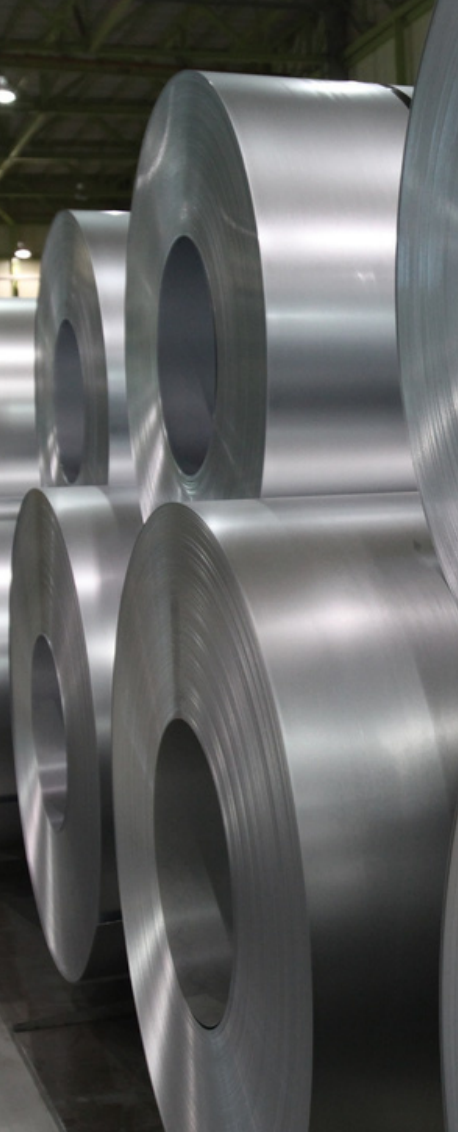
Pickled & Oil coil is hot rolled material that has been descaled of oxide film by both mechanical and chemical methods and then oiled to help retard corrosion during storage and after descaling.

Typical End Uses

Our pickled & oil coil is further processed and used in the automotive, re-rolling, general industries and to manufacture chicken battery feeding chains, money coins for SA Mint, various forms of brackets and vehicle jacks to name a few.

For more information on hot rolled coil - Pickle & Oil, please visit the datasheets online

<https://arcelormittalsa.com/Products/Flatsteelproducts/HotrolledcoilPickledOiled.aspx>



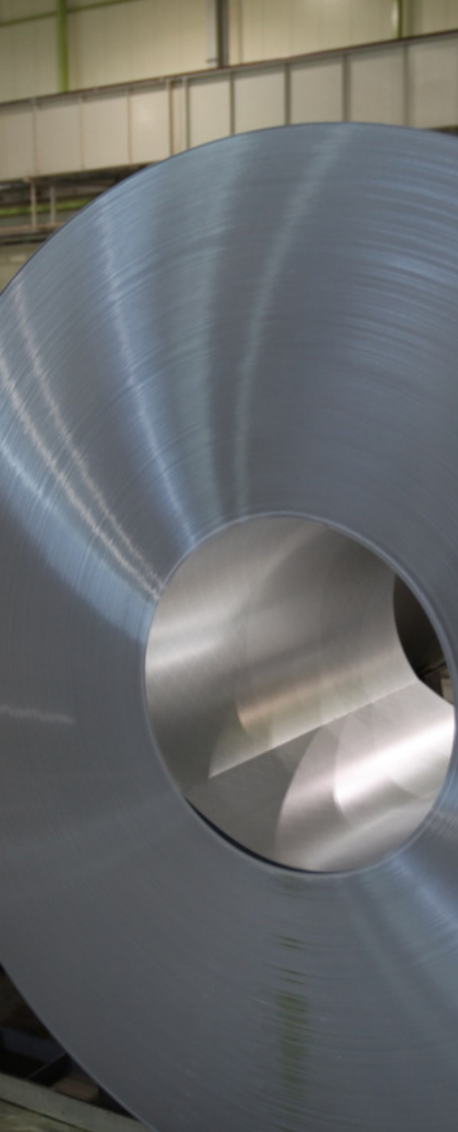
Cold Rolled Coil

Cold rolled coil is produced by processing hot rolled strip through a cold rolling process, followed by annealing and/or temper rolling. This process will produce steel with thinner gauges, closer dimensional tolerances and wider range of uncoated surface finishes.

Typical End Uses

Cold rolled coil is used in the manufacturing of electric appliances, domestic appliances like stoves, fridges and geysers, It can also be used for office equipment, containers, power stations equipment, vehicle manufacturing etc.

For more information on cold rolled coil, please visit the datasheets online
<https://arcelormittalsa.com/Products/Flatsteelproducts/Coldrolledcoil.aspx>



Galvanised Coil

Galvanised coil is produced by applying a protective zinc coating to steel to prevent rusting. The most common method is hot-dip galvanising, in which parts are submerged in a bath of molten zinc.

Typical End Uses

Galvanised coil gets used in light steel frame building, roofing & cladding, tubing, racking & shelving, purlins, roof trusses and general industries. It s also a critical component in the manufacture of solar trackers.

For more information on galvanised coil, please visit the datasheets online
<https://arcelormittalsa.com/Products/Flatsteelproducts/Galvanisedcoil.aspx>



Electrogalvanised Coil

Electrogalvanised coil sheets consists of a cold rolled steel substrate coated with zinc by electrolytic deposition on a continuous line. The electrogalvanising process allows accurate control of the thickness of the zinc coating.

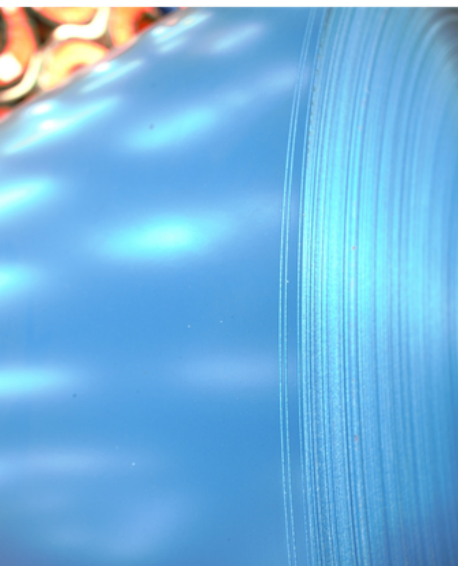
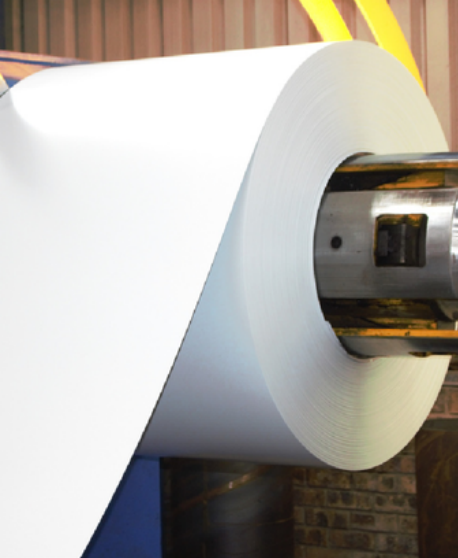
Typical End Uses

Electrogalvanised steel is intended for applications involving all forming, drawing, stretching and bending processes during the manufacture of articles.

Typical end uses would include automotive body panels, structural components and trailers.

For more information on electrogalvanised coil, please visit the datasheets online

<https://arcelormittalsa.com/Products/Flatsteelproducts/Electrogalvanisedcoil.aspx>



Chromadek® Colour Coil

Chromadek® is produced with a Zinc coating with a top and backing paint coat available in various colours.

Typical End Uses

Chromadek® can be used for roof sheeting, cladding, insulated Panels for cool rooms, ceiling strips, garage doors and is suitable for PV-panels to be installed on.

For more information on Chromadek®, please visit the datasheets online
<https://chromadek.arcelormittalsa.com>

or

<https://arcelormittalsa.com/Products/FIatsteelproducts/ColourcoilChromadek%C2%AE.aspx>

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