



ArcelorMittal

# Solutions in Steel™ for construction

## Company and product overview



# ArcelorMittal

## Who we are

### The world's leading steel company

ArcelorMittal is the **world's leading steel and mining company**, with a presence in more than 60 countries and an industrial footprint in over 20 countries.

Guided by a philosophy to produce **safe, sustainable steel**, we are the leading supplier of quality steel in the major global steel markets including automotive, construction, household appliances and packaging, with world-class research and development and outstanding distribution networks.

Through our core values of **sustainability, quality and leadership**, we operate responsibly with respect to the health, safety and wellbeing of our employees, contractors and the communities in which we operate.

For us, **steel is the fabric of life**, as it is at the heart of the modern world from railways to cars and washing machines. We are actively researching and producing steel-based technologies and solutions that make many of the products and components we use in our everyday lives more energy-efficient.

We are one of the **world's five largest producers of iron ore and metallurgical coal** and our mining business is an essential part of our growth strategy. With a geographically diversified portfolio of iron ore and coal assets, we are strategically positioned to serve our network of steel plants and the external global market.

ArcelorMittal has **annual revenues typically exceeding \$80 billion**, steel production of **more than 90 million metric tons** and **iron ore production exceeding 50 million metric tons**.





# Leadership and competitive advantages in value added products

## Global company

Worldwide reach toward global customers with production facilities in all key markets, including a significant presence in North America.

## Knowledgeable team

With thousands of employees around the world, our people bring a breadth of knowledge and extensive expertise to our customers. This includes a dedicated sales team to provide customers the information they need and attention they deserve.

## Product diversity

A broad range of specialties and value added steel products which allows ArcelorMittal to provide a complete offering of advanced solutions and products to meet and exceed customer expectations.

## Attractive customer base

An unequalled, large customer base in construction, in addition to the automotive, energy, packaging, appliance, and general industry markets.

## Products and solutions

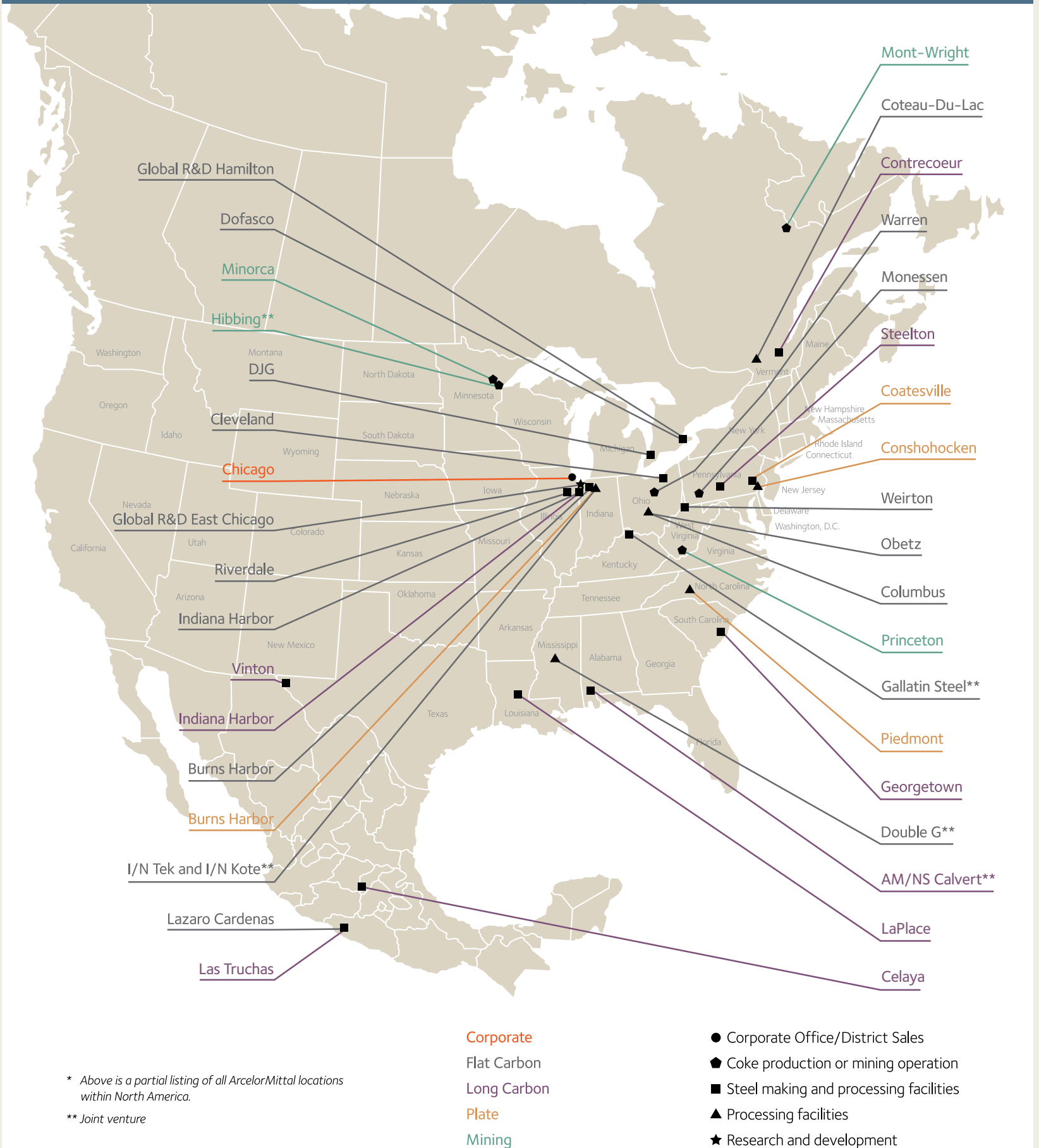
Solid distribution network, logistics and supply chain, allowing us to support new products and solutions.

## Research and development expertise

With 1,300 full-time researchers in 11 research centers across the globe, our R&D is highly business oriented, ensuring a shorter time to market, improved competitiveness, and customized solutions in a variety of sectors.



# Extensive North American production facilities\*



# Diverse product range for the construction market

**Hot roll** – for rigid framing and beams, purlins, girts, trusses, columns

**Cold roll (plain/pre-painted)** – for garage doors, commercial doors, decking

**Hot-dip galvanized (plain/pre-painted)** – for roofing, cladding, siding, ceiling grid systems, light steel framing, garage doors, HVAC, culverts, pools, grain bins, building components, truss connector plates

**Galvanneal** – for decking, commercial doors, corner beads

**Galvalume™ (plain/pre-painted)** – for pre-engineered buildings, industrial and commercial roofing and cladding, agricultural buildings, building accessories, light steel framing, Quonset huts

**Galvalume Plus™** – acrylic coated Galvalume™ for improved aesthetic appearance on plain Galvalume™ applications

**Electrogalvanized** – for doors, ceiling grid systems

**Aluminized** – for HVAC, heat resistant components

Products	Grades	Gauge (in)		Width (in)		Coating weights
		Min	Max	Max		
Hot roll	CS, DS, DDS, EDDS, FS, SS, HSLA	0.055 (1.4 mm)	1.000 (25.4 mm)	76 (1930 mm)		uncoated
Cold roll	CS, DS, DDS, EDDS, FS, SS, HSLA	0.015 (0.38 mm)	0.142 (3.60 mm)	73.6 (1870 mm)		uncoated
Hot-dip galvanized	CS, DDS, EDDS, FS, SS, HSLA	0.011 (0.28 mm)	0.169 (4.29 mm)	72 (1829 mm)		G30, G40, G60, G90, G115, G140, G165, G200, G235 (Z90, Z120, Z180, Z275, Z350, Z450, Z610, Z720) chem treat
Galvanneal	CS, DS, DDS, EDDS, FS, SS, HSLA	0.011 (0.28 mm)	0.169 (4.29 mm)	72 (1829 mm)		A25, A30, A40, A60 (ZF75, ZF90, ZF120, ZF180)
Galvalume™/ Galvalume™ Plus	CSB, FSB, CSP, SS33, SS37, SS40, SS50, SS80	0.012 (0.30 mm)	0.090 (2.28 mm)	49.5 (1257 mm)		AZ30, AZ50, AZ55, AZ60, AZ70 (AZM199, AZM150, AZM 165, AZM180, AZM210) acrylic, chem treat
Electrogalvanized	CS, DS, DDS, EDDS, FS, SS, HSLA	0.019 (0.48 mm)	0.081 (2.06 mm)	72 (1829 mm)		20G/20G, 30G/30G, 40G/40G, 50G/50G, 60G/60G, 70G/70G, 80G/80G, 90G/90G, 100G/100G chem treat
Aluminized	CS, DDS, EDDS, FS, HSLA	0.016 (0.40 mm)	0.090 (2.29 mm)	60 (1524 mm)		T1 13, T1 25, T1 40
Pre-paint	CR, HDG, EG, GL	0.006 (0.15 mm)	0.058 (1.47 mm)	61.5 (1562 mm)		Paint Systems: epoxy, polyester, silicon modified polyester (SMP), fluoropolymer (PVDF), polyurethane (PU), plastisol, phthalate-free/lead-free plastisol

- Notes:
- Gauge and widths shown are typical ranges; inquire with exceptions
  - Maximum width varies with gauge and is generally less at heavier gauges
  - Gauge and width ranges along with available coating weights vary by production line, and would affect where a particular product is produced
  - Pre-painted products at wider widths/heavier gauges may be available through our painting partners





# Support for the construction market

Provide 100% recyclable steel products from multiple locations through one company with a reduced environmental footprint

Introduce novel products and steel solutions developed by our Global R&D to meet or exceed customer expectations

Champion steel products for our customers through participation in industry associations and as an advocate for steel in construction legislation and regulations

Offer co-engineering support to improve customer products using our component testing facility, corrosion and paint labs, and advanced engineering support







Photos: copyright Mariela Apollonio (Architect: baragano), ArcelorMittal, Georges Fessy (Architects: L. Van Tran and J.F. Schmit), Jeroen Op de Beeck, Pruszyński Company, Archi F. Rolland(Bureaux St Serge), Steel Framing Alliance.

# Sustainability & recycling

- Steel is the world's most recycled material, and in North America alone over 80 million tons of steel are recycled or exported for recycling annually.
- Recycling steel saves energy and natural resources, with an energy savings equivalent to the energy required to power 20 million households per year.
- As part of the inherent nature of steelmaking and scrap usage, ArcelorMittal is one of the largest recycled steel consumers in North America.
- Through our core values of Sustainability, Quality and Leadership, ArcelorMittal commits to operating in a responsible way with respect to the health, safety and wellbeing of our employees, contractors and the communities in which we operate. We are also committed to the sustainable management of the environment and of finite resources.
- ArcelorMittal recognizes reducing CO<sub>2</sub> emissions to manage climate change is an important challenge for the steel industry. Globally, we are committed to cutting our CO<sub>2</sub> emissions by 8 percent per ton of steel produced by 2020. In North America, we are addressing climate change at our facilities through energy efficiency projects and product innovation.



## transforming tomorrow

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