

Think steel first! Easy | Fast | Long lasting | Sustainable

Steel is essential to modern construction.
Flexible, adaptable, strong, durable, reusable and entirely recyclable, steel is the material of choice for sustainable solutions in today's economy.

Choose Arcelor/Mittal steel sheet piling solutions and turn your ideas into reality. Our professional teams stand behind you to ensure the success of your projects, from start to finish.

Our advanced and sustainable solutions take your projects further, with unmatched technical support, careful planning and certified quality.



Water Transport Solutions



Hazard Protection Solutions

Breakwaters, quay walls, jetties, dolphins, locks, canals and land reclamation...

Dykes, dams, river embankments, flood protection barriers, tidal defences and reservoirs...





Road and railway bridge abutments, tunnels, underpasses, noise barriers, foundations, basements and underground car parks...

Containment structures, water management, polluted soil remediation, landfill conversion and leachate cut-off...



Cost-effective and sustainable water transport infrastructures

Water-based transport is essential to our global economy. Maritime and fluvial transport requires a safe and reliable infrastructure network.

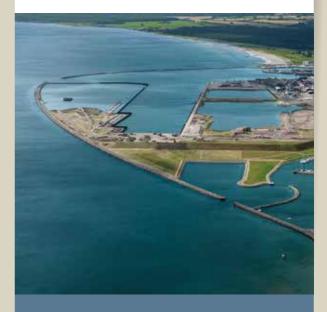
For over a hundred years, steel sheet piling products have been chosen to build all types of maritime infrastructures such as breakwaters, quay walls, jetties, canals and locks. Steel sheet piling solutions are cost-effective, quick to execute and durable, with low maintenance requirements throughout their service life.

ArcelorMittal's engineering and R&D teams continuously enhance our products and services. We collaborate with research institutions and consultants to develop design software like AMRetain® and Durability, as well as new construction methodologies.

HZ®-M combined wall and AS 500® cellular systems are ideal solutions for deep-water port construction and land reclamation. These systems reduce the total life-time cost of the project.

Steel sheet piles are 100% recyclable and a highly sustainable solution. Specific European Environmental Product Declarations are available for ArcelorMittal Sheet Piling's product range.

- construction time
- + AMLoCor® steel grades are up to 5 times more corrosion-resistant than standard steel
- + Steel sheet pile walls have up to 25% lower carbon-footprint than equivalent concrete walls



Container terminal, Køge, DK

AMLoCor® corrosion-resistant steel grades used for the expansion of the port ensure long-lasting and maintenance-free maritime infrastructures



Faster construction of flood protection barriers with steel sheet piles

Keeping us safe with steel sheet piling solutions. Steel sheet piles help safeguard our communities from natural disasters.

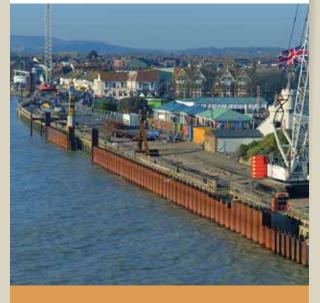
Dykes and flood protection barriers made of steel sheet piles are one of the most efficient ways to protect against flooding and rising sea levels. Requiring little equipment, they can be easily installed even in remote locations with **certified quality** anywhere in the world. **Dixeran® on-site declutching detectors** ensure the integrity of the installation.

In seismic areas, emerging **performance-based design** methodologies reveal the true potential of steel sheet piling solutions to withstand earthquakes. Arcelor Mittal's engineering teams help design safe steel sheet piling structures by simulating the effects of earthquakes or fire.



Simulation of a seismic loading with PLAXIS™ software

- + AZ®-800 are 14% wider to allow a faster installation
- + Fast delivery from stock for emergency situations
- + Steel's natural ductility makes sheet piling the safest choice in seismic areas



Flood barrier, Littlehampton, UK

The **HZ®-M combined wall system** was found to be the most economic and the best fitting technical solution to improve the tidal flood defences in Littlehampton, on the South Coast of England.



Less disruptive, costeffective and quicker infrastructure constructions

Efficient and reliable mobility infrastructures make your journey smoother and safer.

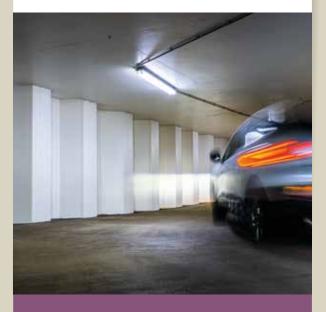
The unique properties of steel sheet piles make them an excellent option for building road and railway infrastructures.

Projects are delivered faster, thanks to shorter installation times, reducing costs. Sheet piles can be installed in complex configurations. **Silent and low-vibration installation techniques** minimise impacts on the community in urban settings.

Our technical departments support project developers and engineers in selecting and designing the optimal steel solutions, with the help of Arcelor Mittal design software, such as AMRetainTM, ProSheet, Durability, SAFIR or VLoad.

Building Information Modelling (BIM) digital objects are available for Arcelor Mittal steel sheet piles.

- + Steel sheet pile walls **cost up to 50% less** than traditional concrete walls
- → Building bridge abutments with steel sheet piles is 10% faster and reduce traffic disruption
- + 15% less economic impact on the community over service life, from shorter construction time and reduced maintenance



Underground car park, Aalst, BE

The steel sheet piles first used to support the excavation, also serve as the permanent outer walls of the car park. They were installed with low-vibration techniques to preserve the surrounding city centre.



Impervious, reusable and sustainable containment structures

Steel helps to protect our future.
When faced with pollution, containment is vital.

Steel sheet piles are used on a temporary or permanent basis in landfill conversion, polluted soil remediation, riverbed cleaning operations and pollution containment.

Impervious enclosures can be created quickly with AZ®-800 wide steel sheet piles, to safely retain contaminated material as part of a remediation plan. Arcelor Mittal's wide range of sealing solutions ensure complete water-tightness, even in the presence of highly aggressive chemicals.

Steel is a permanent material: never consumed, but continuously transformed and reused, thus reducing the pressure on limited natural resources.

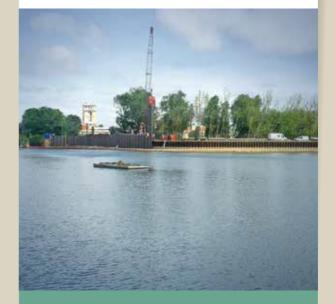
Steel sheet piles are a major contributor to the circular economy. They are reusable and 100% recyclable.

ArcelorMittal's

EcoSheetPilesTM are produced from 100% recycled steel.



- AKILA® is a high-performance sealant suitable for contact with groundwater
- + Steel sheet piles can be **reused several times** to reduce the carbon footprint of temporary retaining walls
- + Customised fabrication and assembling solutions adapted to customers' requirements



Water treatment plant, Paris, FR

To protect a water treatment plant near Paris a 300,000 m³ retention basin was built using steel sheet piles and specifically designed to reduce the impact on the nearby forest.

5 reasons to think steel first!

Arcelor/Mittal steel sheet piles are manufactured in Europe.

Our values are sustainability, quality and leadership. We offer the widest range of products and services, focused on bringing the best added-value to our customers.

ArcelorMittal Sheet Piling provides cost-competitive solutions and certified quality for its customers, while considering society's expectations for a more circular and less carbon-intensive economy.

1 Fast execution

Projects with steel sheet piling solutions expedite execution, need less equipment and reduce impact on the environment.

2 Certified quality

Steel sheet piles allow for long-lasting structures with on-site integrity control and limited maintenance requirements.

3 Customised solution

Development of individualised steel solutions from an extensive range of products, accessories and bespoke fabrication.

4 Outstanding support

Throughout the project we support our clients with professional engineering, customised delivery plans and installation support.

5 | Sustainable material

Arcelor Mittal sheet piles can be used multiple times. All sheet piles are 100% recyclable and made from recycled steel.

ArcelorMittal Commercial RPS S.àr.l.

Sheet Piling

66, rue de Luxembourg L-4221 Esch-sur-Alzette Luxembourg

T +352 5313 3105 E sheetpiling@arcelormittal.com sheetpiling.arcelormittal.com