

ArcelorMittal Fibres

Reinforced concrete solutions

Advanced reinforced concrete
for the flooring industry

FLOORS



ArcelorMittal

ArcelorMittal Fibres is working with Engineers, Flooring Contractors and Ready Mix companies around the world to provide superior concrete flooring solutions. Our partnerships are enabling **high performance concrete floor slabs** to be constructed more **quickly**, more **safely** and more **efficiently**.

ArcelorMittal Fibres, part of the ArcelorMittal Group – the largest steel company in the world, is a global leader in providing steel fibre reinforced concrete solutions for flooring applications.

For more than three decades, ArcelorMittal Fibres has been working with industrial concrete flooring specialists to develop and improve concrete slab performance.



STEEL FIBRES FOR CONCRETE FLOORING APPLICATIONS

From our three state-of-the-art production facilities in the UK, Luxembourg and Poland, we develop, manufacture and supply high quality steel fibres to construction markets around the world.

We have developed four different solutions to reinforce concrete floors with ArcelorMittal Fibres:

- › **TAB®Light**
Slabs on grade with low loads
- › **TAB®Fibre**
Slabs on grade with saw-cut joints
- › **TAB®Floor**
Jointless slabs on grade
- › **TAB®Structural**
Jointless slabs on piles

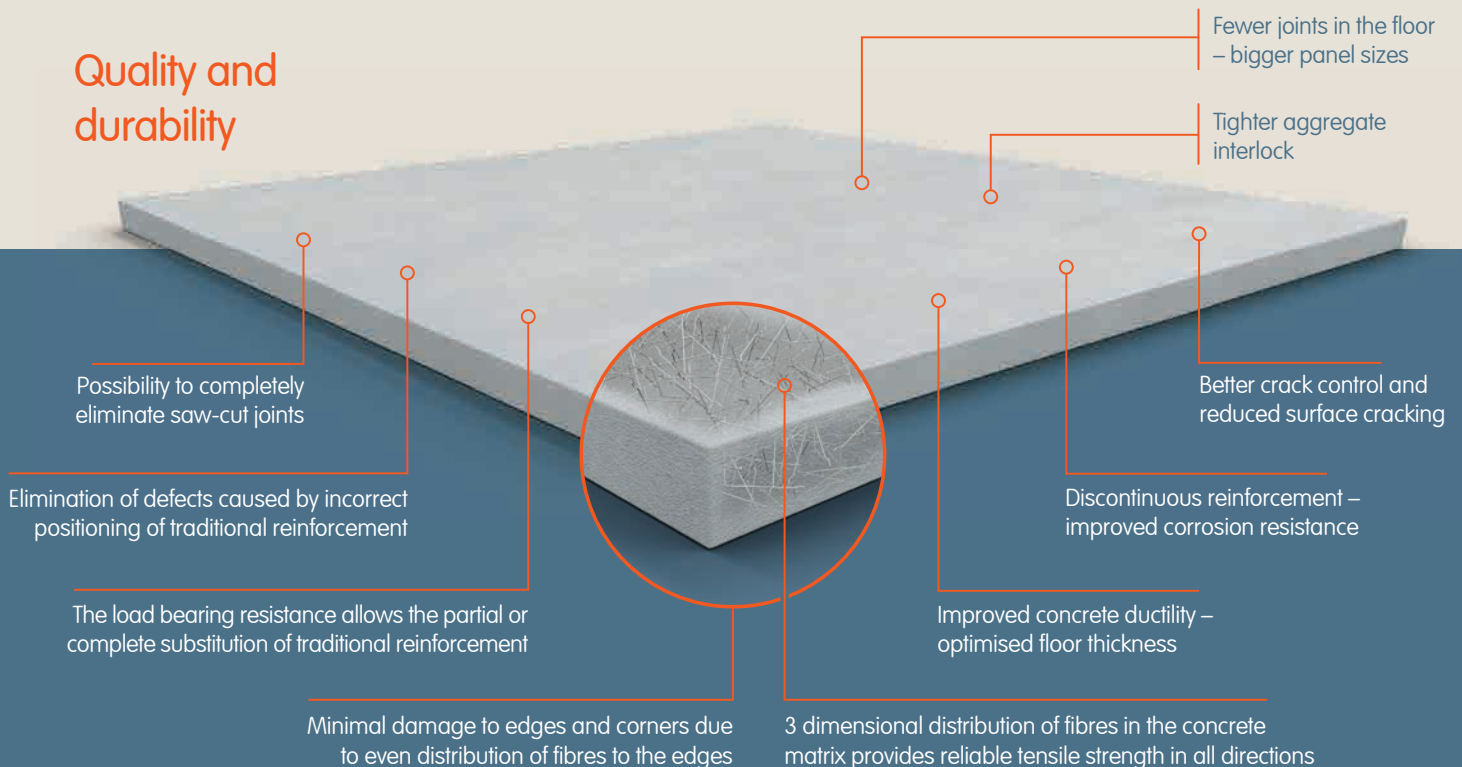
OUR CONCRETE FLOOR SOLUTIONS ARE WIDELY USED ACROSS:

Retail | Residential | Commercial offices |
Entertainment | Production plants | Warehouses |
Distribution & Container terminals | Car parks | Quaysides |
Arenas | Stadiums | Airports | Transportation depots



ArcelorMittal Fibres flooring solutions outperform traditionally reinforced floors on **quality, durability** and **cost**.

Quality and durability



Time and cost savings

- Optimisation of concrete slab thickness
- Traditional reinforcement can be totally or partially replaced
- Potential to eliminate all saw-cut joints
- Faster concreting allowing higher pouring areas per day with fewer joints
- Allows for direct pouring from concrete truck – no pumping required
- Allows for easy concreting
- Increased safety on-site

Why Choose ArcelorMittal Fibres?



Expert support



Comprehensive product range



Fibre performance



Guaranteed quality



Packaging options



Your reliable project partner

Supporting you from start to finish. The right advice. The right fibres. The right solutions.

ArcelorMittal Fibres do much more than manufacture and supply a comprehensive range of high quality steel fibres.

We support you to ensure the success of your project from start to finish.

We offer expertise on:

- design and calculation of steel fibre reinforced concrete floors
- setting up your project specification
- the most appropriate fibre type to comply with the specification
- optimum dosage rates to guarantee performance
- concrete mix design optimisation
- the supervision of performance tests
- on-site support and advice on dosing and mixing



Our team of experienced engineers and sales managers will give you all the support your project needs from conception to the project completion.

We are here to support and assist you at every stage.

TAB®Light

Slabs on grade
with low loads

TAB®Light offers good crack control and durability with low fibre dosage rates.



TAB®Fibre

Slabs on grade
with saw-cut joints

TAB®Fibre delivers a cost effective industrial slab for static and dynamic load bearing requirements and the impact of extreme weather conditions, if used externally.

TAB®Floor

Jointless slabs on grade

TAB®Floor is the ArcelorMittal Fibres solution for jointless floors allowing continuous slabs on grade without the need for contraction joints.



TAB®Structural

Jointless slabs on piles

TAB®Structural is the ArcelorMittal Fibres solution for pile supported industrial slabs where soil bearing capabilities for heavily loaded industrial floors are limited.



ArcelorMittal Fibres

Reinforced concrete solutions

"High quality steel fibres, strong engineering support and a reliable partner you can trust. This is the foundation of our long lasting relationship with ArcelorMittal Fibres."

Pedro Alves
CEO TPB Group

ACCESS TO A GLOBAL RESEARCH & DEVELOPMENT NETWORK

Operating for all ArcelorMittal Group units, ArcelorMittal Fibres benefits from the Group's worldwide research and development resources. This is the cornerstone of sustainable development and innovation and it ensures the continuous renewal of ArcelorMittal's product offer.

EXPERTISE AND AMBITION

ArcelorMittal Fibres is the first-choice provider of reinforced concrete solutions.

OUR EXPERTISE has continued to build, with over 30 years of working with our partners to build better concrete floors.

OUR HANDS ON APPROACH enables us to support our partners and ensure the success of every project.

OUR SOLUTIONS deliver exceptional levels of added value to the design of steel fibre reinforced concrete floors.

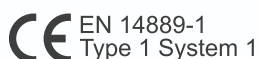
OUR AMBITION is to support our customers to build more quickly, more safely, more efficiently and with greater creative ingenuity.

BUILDING FOR TOMORROW

As the function of buildings varies from manufacturing, storage and distribution to name a few, it is important that the design is considered thoroughly and executed to the highest standards with your requirements in mind.

In the last three decades, steel fibre reinforced concrete has proven to be a reliable and the most suitable construction material for typical concrete floors.

ArcelorMittal Fibres' vast experience in developing solutions for steel fibre reinforced concrete floors allows us to support companies who are addressing our world's rapidly changing building requirements.



Conforms to:
ASTM A820 / A820M-04 type 1



The world is building on our expertise.

ArcelorMittal Fibres operates internationally. We provide steel fibre reinforced concrete solutions for the concrete flooring industry and participate in some of the world's major flooring projects.

Let's talk FLOORS

Contact

fibresupport@arcelormittal.com



ArcelorMittal Fibres

ArcelorMittal Bissen & Bettembourg, Route de Finsterthal, L-7769 Bissen

Telephone +352 835 772 1

Fax +352 835 772 209

arcelormittal.com/steelfibres