

TAB[®]Deck

The steel fibre reinforced concrete solution for composite metal decking systems

APPLICATIONS

Office and industrial buildings | Hospitals | Schools | Car parks



Solution description >

TAB[®]Deck is the solution developed by ArcelorMittal Fibres for composite metal decking slabs that are used in multi-storey buildings. Steel fibre reinforced concrete replaces the welded mesh which is used in conventional metal decking construction.

TAB[®]Deck delivers greater control of concrete shrinkage and to the bearing capacity of the slab areas above the supports.

TAB[®]Deck enables metal decking systems to be constructed more safely, more quickly and more economically.

TAB[®]Deck is ideal for office and industrial buildings, hospitals, schools and multi-storey car parks.

Benefits and advantages of TAB®Deck solution >

TAB®Deck allows contractors to save time and money on the overall construction process for metal decking systems.

TAB®Deck:

- requires minimum or no steel mesh fixing on site
- removes the need for the storage of steel mesh on site
- removes the need to lift and handle reinforcing mesh, resulting in a safer construction process and significant time savings including reduced reliance on lifting machinery and cranes
- improves concrete shrinkage control due to the 3D distribution of steel fibres within the concrete matrix.

TAB®Deck is easier, safer and faster to install.

The replacement of traditional reinforcing mesh means that TAB®Deck enables a much simpler, less labour intensive and faster construction process, compared to other methods.



Labour saving



Less time consuming



Decreased costs

TAB®Deck in action >

The performance of TAB®Deck has been fully assessed and approved by the Steel Construction Institute in the UK for the use on metal decking profiles developed by Structural Metal Decks Ltd (SMD).

Our Engineering team, in collaboration with the metal decking manufacturer design team, undertake a full analysis of the parameters affecting the design of the TAB®Deck solution necessary for your construction project.

How we create a TAB®Deck solution:



ArcelorMittal Steel Fibres & Support >

ArcelorMittal offers a wide range of steel fibres varying in shape, length, diameter and tensile strength, manufactured using the highest quality, fully traceable, drawn steel wire. The unique shape and precision dimensions of our fibres, together with their high tensile strength, deliver increased reinforcement performance with lower dosage rates.

Ask our Sales Specialists for details of our TAB®Deck solution.

Our local ArcelorMittal Fibres Sales Specialists are available to support you, ensuring the success of your project from start to finish.

Let's talk
BUILDINGS

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