



TAB[®]Floor

ArcelorMittal steel fibre reinforced concrete solution for jointless slabs on grade

APPLICATIONS

Shopping centres | Production plants | Warehouses | Distribution depots
Car parks | Car show rooms | Hangars



Solution description >

TAB[®]Floor is the solution for steel fibre reinforced concrete slabs developed by ArcelorMittal Fibres for concrete jointless floors. TAB[®]Floor is the best solution where the designer needs to consider eliminating the shrinkage of saw-cut joints. It is advisable to use TAB[®]Floor when heavy loads are applied to the slab, whether static or moving,

but particularly when moving as saw-cut shrinkage joints can be avoided and therefore all the problems related to the durability and maintenance of these joints too. TAB[®]Floor ensures the effective control of concrete shrinkage and cracking patterns for better durability of the concrete floor.





TAB®Floor

ArcelorMittal Fibres

Reinforced concrete solutions

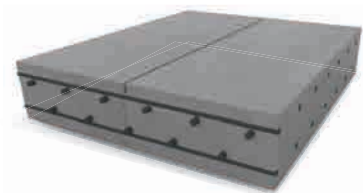
Benefits & Advantages of TAB®Floor >

TAB®Floor is often the customer's first choice as it brings important technical benefits to the floor while allowing for time and potential cost savings. The speed of the construction process is much improved. The need for mesh installation is removed meaning steel fibre reinforced concrete can be poured directly from the concrete truck allowing easier and faster floor construction.

Due to the precise TAB®Floor concrete specification and saturation of the concrete matrix with ArcelorMittal steel fibres, the material experiences much better ductility, resulting in the biggest benefit of TAB®Floor: controlled shrinkage and crack width, ensuring saw-cut joints can be avoided.

TAB®Floor has no weak sections (like the saw-cuts) and allows cracks, but controls the crack width, which means every micro crack is prevented from developing into a macro crack that could become critical in terms of durability.

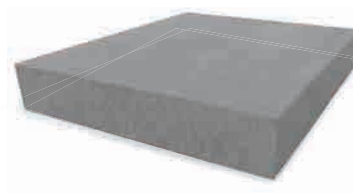
Other technical benefits include: optimised design slab thickness for given loads and soil conditions; elimination of shrinkage joints; no cracking, curling or floor damage at cutting joints; bigger panel sizes; more flexibility in positioning rack systems or any other point loads; improved maintenance over time of concrete floor flatness and levelness.



Slab with traditional reinforcement



TAB®Fibre (slab with saw-cut joints)



TAB®Floor

TAB®Floor in action >

The function of different buildings varies enormously and it is important that the design is considered thoroughly and executed to the highest standards with your requirements in mind. Our engineering team undertake a detailed study of all the parameters affecting the design of the structure.

By doing this we can offer the optimal solution, without being unnecessarily over designed. ArcelorMittal Fibres team can provide all the support and advice from the first design steps to the realisation of the final project.

How we create a TAB®Floor 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 representatives for our premium product range for TAB®Floor solution.

Our ArcelorMittal Fibres local representatives and engineers are available to provide support from start to finish and ensure the success of every project and every customer.

Let's talk
FLOORS

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