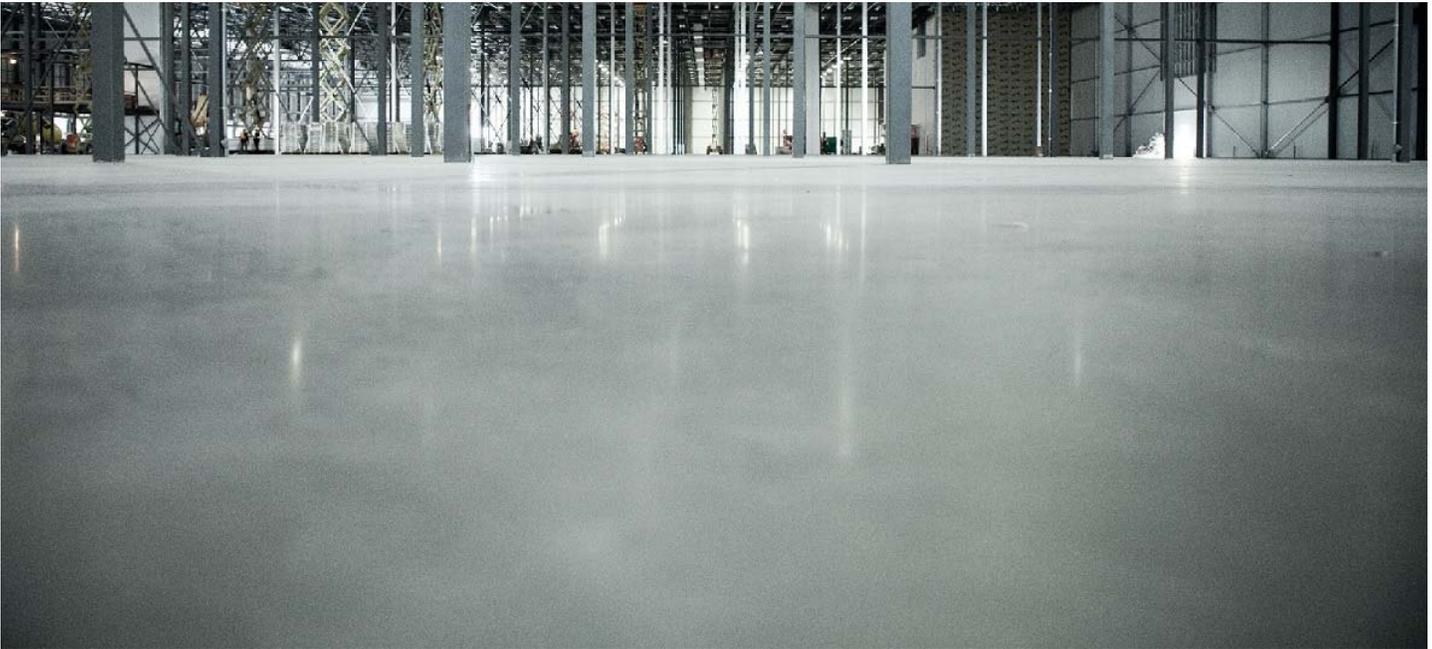


OPTIMET® PJFS SAW CUT FREE SLABS



Optimet® Steel Fibres *defines concrete's efficiency*

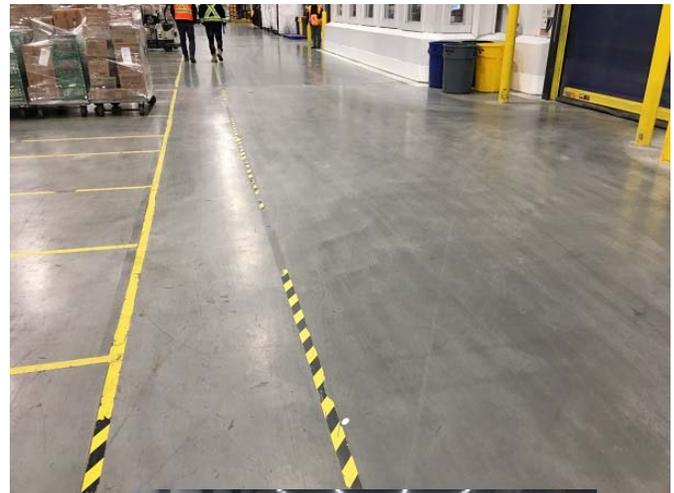
Optimet® Fibres are used to reinforce concrete for slabs on grade or on insulation with extended saw cut spacing and slabs without saw cuts.

Optimet® Steel Fibres have been used for number of years on numerous projects with excellent results in saw cut free panels with sizes up to 1,600 m² (18,000ft²), in large and small projects.

Project built without saw cuts have ranged from the simple maintenance garage where saw cuts are causing issues with tool carts, television and movie studios, small to very large warehouses and processing plants.

For the majority of projects Optimet® Fibres are used as the primary reinforcement. In the construction of special applications with very large saw cut free panels with irregular shaped panels (ex: 30 m x 125 m) they are used in combination with continuous reinforcement.

There are many advantages to reduce the number of saw cuts and possibly even eliminating them all.



How much saw cuts really cost ?

One should analyze the real cost of having saw cuts in their slabs and look beyond the construction cost. Actually saw cuts are very expensive even if they are constructed and filled correctly.

Many factors make saw cuts extremely expensive. The costs resulting from building a floor with saw cuts is amplified by the size and technical requirements of facilities who depend on the efficiency of their concrete slabs.

For the larger warehouses the most significant costs are but not limited to are:

- Physical injuries, mostly back injuries to fork lift drivers caused by repeated impact
- Lost of efficiency
- Increased cost of operation, repair, downtime
- Lost of revenue

For the majority of warehouses, manufacturing and maintenance facilities and many others, eliminating the saw cuts will eliminate or drastically reduce:

- Physical injuries, mostly back injuries to fork lift drivers caused by repeated impact
- Eliminate issues caused by saw cut curling such as:
 - cracking caused by the lost of support,
 - spalling
 - differential panel movement.
 - expensive repairs to stabilize the slabs

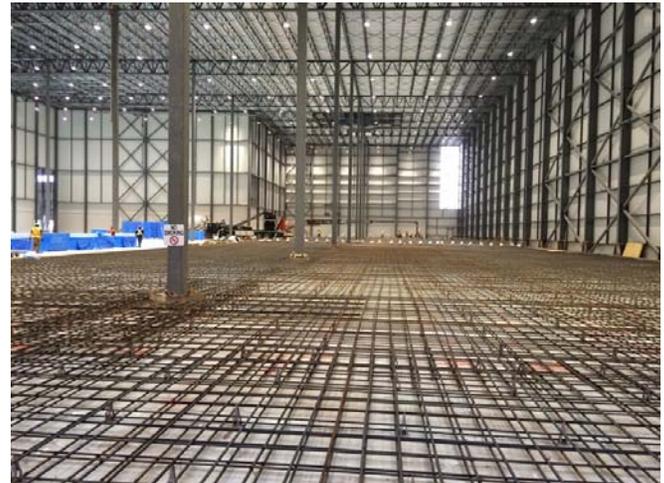
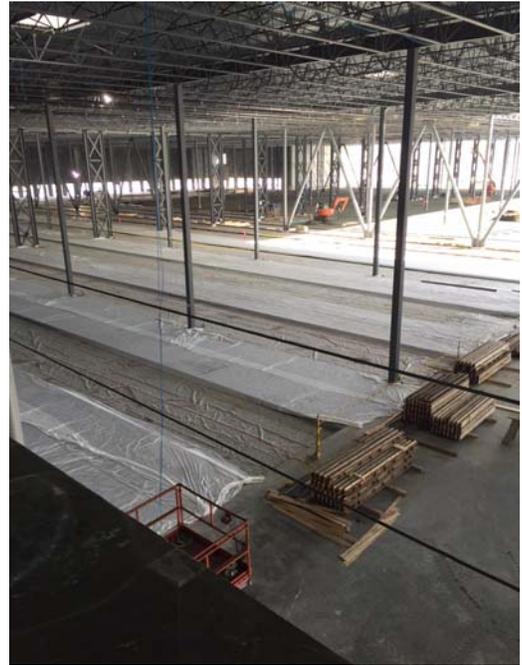
Delays curing schedule

Construction cost of saw cuts and initial filling cost

Recurring saw cut maintenance and repairs

Equipment repairs; Wheels and bearings

Operation disruption during repair



Accounting all these factors, depending on the complexity of a given floor, the pay back of investing in a saw cut free slab can maybe just a few years.

Chose the right design and construction team to obtain the best result possible. At the end crack free slab is what we aim to achieve.

Optimet® Concrete Products

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