

Combined reinforcing - the right solution for container parks and other heavy duty pavements

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ABSTRACT

Now with plenty of heavy duty pavements on the ground and in operation for some years, the practical evidence is there to support the theoretical designs.

With such heavy loads as 110 tonne axle load container handlers and block stacked containers, the first areas to break down and require maintenance and repair, in these very heavy duty pavements, are the joints and saw-cuts.

It's pretty obvious really that the best way to minimise this is to eliminate those joints and saw-cuts altogether. By using a combination of steel fibres along with conventional steel, we can do that.

In this paper I will briefly discuss the methodology behind the design, how it works, and I'll run through a number of case studies to demonstrate it.