

Tensar® | T-Value

A new direction for temporary works design.

Tensar specialises in providing solutions for stable and safe working platforms and piling mats!

For the first time, the full benefits of distinct stabilisation geogrids can be incorporated consistently in designs for working platforms. Tensar's peer reviewed and project verified T-Value design approach provides working platform designs as a credible alternative to the platforms generated by the method show in BR470 which are often expensive. By adopting the T-Value method, you can reduce the platform thickness and increase bearing capacity, ultimately reducing the project's construction costs and carbon footprint.



Cutting construction costs by up to

50%



Reducing a platform's carbon footprint by up to

50%

The T-Value Method

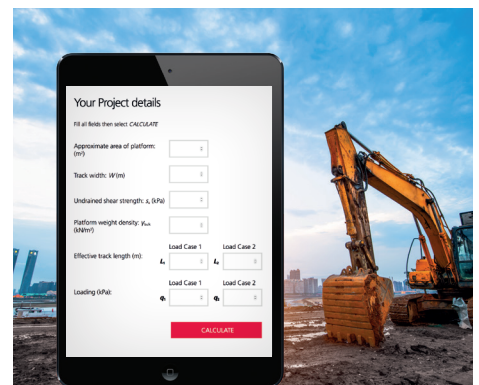
Tensar's new design approach, the T-Value Method, is based on the relationship between bearing capacity and the load transfer efficiency of a granular layer, expressed as a T-Value. This is dependent on the shear strengths of the granular layer and the subgrade beneath.

Assessing the benefits

Applicable to a range of working platform materials, in different ground conditions, the method allows designs with, or without, geogrid to be compared, including very low subgrade shear strengths. It can also be applied to surface and shallow embedded foundations, with dry or saturated granular layers.



T-Value Interactive Guide



Watch our Ground Coffee video and learn more about T-Value.



Download a free Interactive Guide to T-Value.



T-Value Calculator Calculate your next project now.