

## — Manufacturer's Guide: Positioning Ferobide For Optimum Performance —

### Background

Ferobide tiles can give wear performance which is very close to that of the best quality tungsten carbide tiles with a number of great benefits, the greatest of these being that it can be welded in position. Ferobide itself is much tougher than commercial tungsten grades, resisting heavy impacts.

This impact resistance depends on the support behind the Ferobide tile. When supported by a weld, Ferobide resists impacts in application.

### Getting the Optimum Performance from Ferobide Tiles

As with all materials, there are areas where Ferobide works best and some areas where performance is less than optimum.

Following years of controlled trials in many applications, particularly in agriculture, the following information will help to ensure that customers get the best possible results from Ferobide.

### Caution when Application Involves Heavy Impact:

...specific applications where supporting welds are readily worn away, allowing Ferobide to be unsupported or even detached.



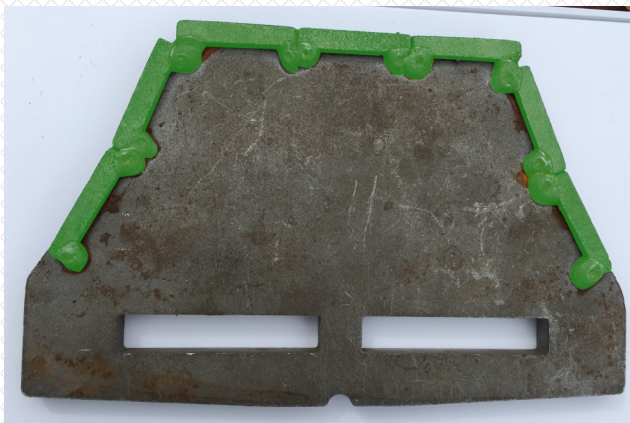
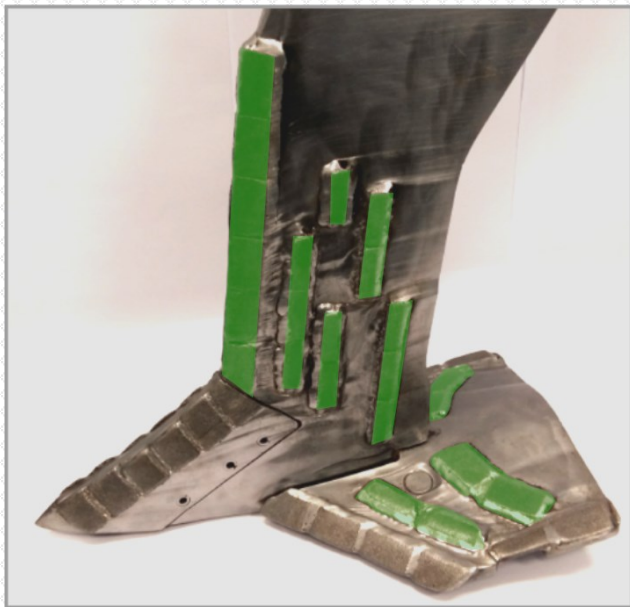
**CAUTION IN  
STONY CONDITIONS**

It is here that performance will be limited. This is usually the extreme points of cultivation or ground engaging parts.

	Sides of points	Scrapers	Plough points behind tungsten	Direct drill tines	Power harrow, bed tiller tines	Plough points	Subsoiler wings, points, leading edges
SAND	✓	✓	✓	✓	✓	✓	✓
LIGHT STONE	✓	✓	✓	✓	✓	✓	✓
MEDIUM STONE	✓	✓	✓	✓	✓	✓	✓
HIGH STONE	✓	✓	✓	✓	✓	✓	✓

### Example of Recommended Installation

*Tiles shaded below in light green are installed on optimum positions.*



If you are in doubt regarding an application, please do get in contact with Tenmat engineers.