

Manufacturers guide: Getting the best out of FEROBIDE

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

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.

Caution when Application Involves Heavy Impact

Ensure extra care is taking in specific applications where supporting welds are readily worn away, allowing FEROBIDE to be unsupported or even detached.

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

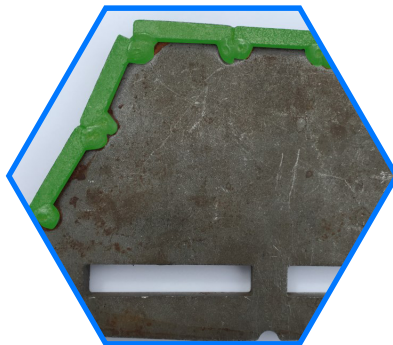
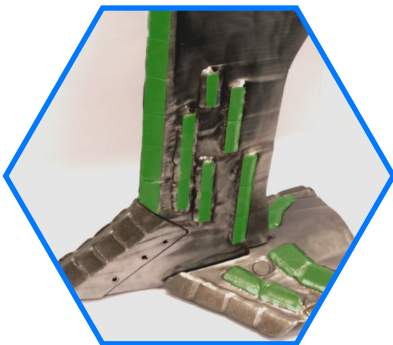


Manufacturers guide: Getting the best out of FEROBIDE

	Sides of points	Scrapers	Plough points behind tungsten	Direct drill tines	Plough points	Power harrow, bed tiller tines	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.