

TUNGSTEN CARBIDE OVERLAY

AUSINO Projects offer specialised fabrication services including innovative hard facing overlay to suit specific applications and the toughest operating conditions. All fabrication and weld procedures are undertaken in compliance with our strict quality assurance specifications.

Maximising the service life of equipment.



This new special purpose weld overlay will help increase the service life of equipment preventing premature wear damage. Strong tungsten carbide particles (70Rc) are deposited in the weld pool as it is applied resulting in extremely tough and durable coating with high resistance to abrasion and impact.

Provides up to 65% saturation of Tungsten Carbide:

Up to
65%

Tungsten is deposited evenly through the weld pool achieving parent metal penetration up to 3.0mm. Pressurised tungsten delivery through shielded gas results in high level saturation with no cracking or porosity.

Benefits:

- Maximise abrasion resistance
- higher abrasion resistance to chromium carbide
- Easy to weld and highly durable

