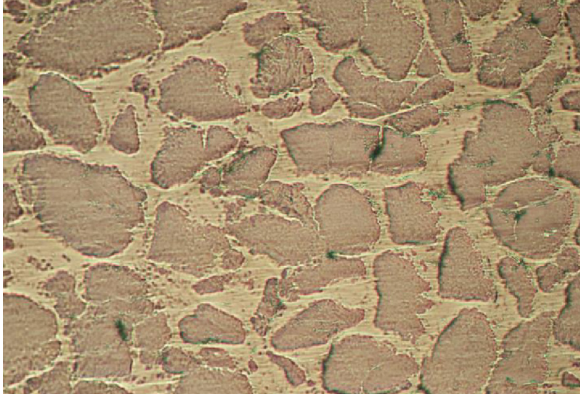


# Hardfuse Plate

Tungsten Carbide Wear Plate developed and manufactured in Australia by Hardchrome Engineering for the most extreme, aggressive abrasive or erosive environments



**Dense, even distribution of WC**

- A blend of cast and spherical tungsten carbide fine particles with high harness in a Nickel matrix
- Backing Plate of mild steel as thin as 2mm for reduced square metre weight and safer handling where access may be a challenge
- Thicker Backing Plate (up to 25mm) available where structural integrity is required
- Highest abrasion resistance to fine particle erosion at low angle of impingement and high velocity
- Very smooth and flat deposit for least frictional resistance
- Maximum individual plate size is 1m long x 0.85m wide. Plates can be welded together

- **HARDFUSE PLATE** can be formed or rolled into pipe diameter depends on thickness of the plate
- **HARDFUSE PLATE** can be laser, waterjet or plasma cut to shape
- **HARDFUSE PLATE** can be patch repaired in situ using an oxy/acetylene puffer torch
- **HARDFUSE PLATE** available in multiple combinations of plate and tungsten carbide thicknesses i.e 2mm of WC on 4mm of Mild Steel. 2 on 2, 6 on 2, 4 on 4, 6 on 12 etc.



**A full sized sheet of 2 on 4**

## APPLICATIONS INCLUDE:

- ID Fan Cowlings
- ID Fan Blades
- Chute Liners
- Lobster Backs in materials handling
- Guides Plates
- Micronisers
- Hoppers
- High Wear Pipelines
- Reducers
- Screens
- Scraper Blades
- 'Tack On' Wear Strips
- Wear Plates