



# Inter-Plate Hardface Clad Plate



- Manufactured in our Perth WA facility
- IP600 and IP800 grades specifically designed to meet Australian conditions
- Complies to Australian Standard AS2576
- In- house Metallurgical Laboratory for Quality Assurance and Testing
- In- House processing including:
  - Profile Cutting
  - Weld In Countersunk Inserts
  - Weld on Studs
  - Forming and Rolling

**IP600** contains hard 1600HB chromium carbides able to resist extreme wear in abrasive applications. The refined primary carbides are uniformly distributed throughout the overlay thickness to provide optimum and uniform wear protection. The fine carbide size and the tough austenitic matrix also combine to provide greater impact resistance over similar austenitic chromium carbide



Interplate IP600 AS2576 Grade 2355 Austenitic Chromium Carbide overlay x100 magnification

**IP800** is a complex chromium carbide alloy which contains a mixture of chromium carbides and niobium carbides up to 2400HB improving abrasion resistance in extremely abrasive applications. The microstructure is finer than that in the IP600 and combined with the "stainless" austenite matrix provides superior impact and corrosion resistance.



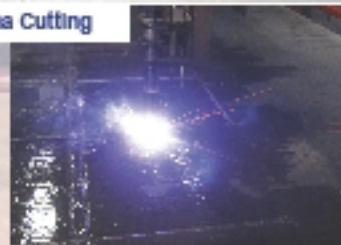
Interplate IP800 AS2576-2480 austenitic complex chromium carbide overlay x100mag

### Intergroup's Metallurgical laboratory



*Other types of wear plate available from Inter-Steel include Quench & Tempered Plate and Work Hardening Alloy Plate. For further information and assistance with your wear plate requirements please call our sales team.*

Plasma Cutting



Stud



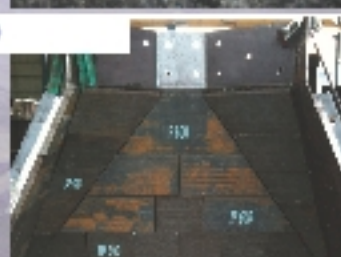
Rolling



Insert



IP 600



IP 800



IP 800



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