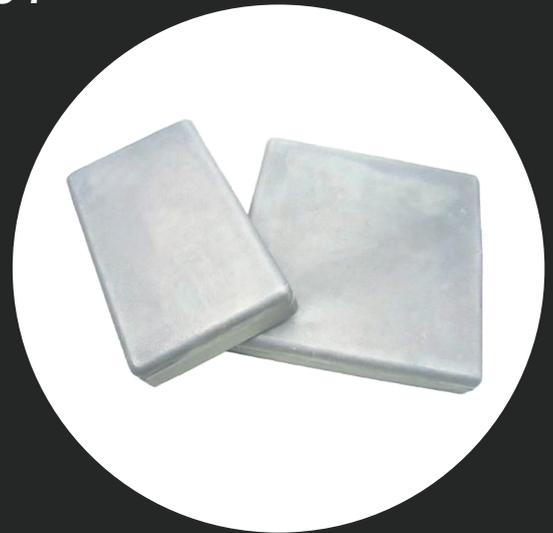


ACEblok™ & ACEcast™

Chromium-molybdenum, abrasion resistant, white iron casting, vacuum brazed to a mild steel backing plate

ACE offers a range of cast wear bars, chocky blocks and wear buttons in over 4,000 shapes and sizes to meet the exact needs of clients. These cast products consist of a mild steel backing plate while the wear material is made up of high chrome white iron alloy with a minimum hardness of 700 Brinell. This product is a cost effective option for high impact and abrasion situations, while the mild steel backing plate allows for easy welding for fitment.

Australian Standard - AS 2027-2007 High Chromium, Abrasion Resistant Cast iron Alloy



ACEblok™

Composition

Carbon	2.9% - 3.4%
Silicon	0.3% - 1.0%
Manganese	0.5% - 1.2%
Chromium	14.0% - 18.0%
Molybdenum	1.5% - 3.0%

Microstructure

Bulk Hardness	650-750 HV50
Carbide Hardness	equal/greater 1200 HV0.5
Volume Function of Carbides	25% - 30%
Density	7500 kg/m3



TYPICAL APPLICATIONS

- Wear Plates
- Lip Liners
- Chute Linings
- Impact Plates
- Screens
- Hopper & Bin Liners

ADVANTAGES

- Longer wear life, lower costs per tonne of ore mined
- Reduced maintenance costs and downtime
- Easy to install & maintain
- Huge savings in labour costs
- Standard and custom made parts on request

For Additional Information

Call ACE on +61 8 9303 9944 or email info@australce.com



PROTECTING ASSETS
ENHANCING EFFICIENCY

Australian Ceramics Engineering Pty Ltd. | ABN 89 153 041 975
67 Excellence Drive, Wangara WA 6065 | +61 8 9303 9944
info@australce.com | www.australce.com