



Innovative Benchmark Wear Plate  
Built-to-Outperform

CastoDur<sup>®</sup> Diamond  Plate

**ProMax**



- Next-generation weld overlay solution for exceptional wear resistance
- Formulated to perform in severe abrasive and ultra-demanding conditions
- Ultimate choice in weld overlay cladding, maximizing TCO
- Smooth, dense, multi-alloy WC overlay provides ultimate wear performance

# CDP® ProMax

CDP® ProMax is CE's premium Tungsten Carbide Multi-Alloy wear plate. It is designed to provide superior performance for ultra-demanding abrasion resistance.

Its highly enriched alloy formula contains WC granules dispersed throughout the matrix, providing bulk hardness up to 68 HRC.

CDP® ProMax can be pre-polished to reduce material hang-up.

- Excellent Formability
- Minimized Downtime
- Superior Performance
- Improved Total Cost-of-Ownership

## TECHNICAL DATA

Plate Thickness (Base + Alloy)	Plate Dimension (Cladding Area)	lb / ft <sup>2</sup>
05+05 (3/8")	1400 x 3500	16
06+06 (1/2")	1400 x 3500	21
12+8 (3/4")	1400 x 3500	30
18+7 (1") 16+09 (1")	1400 x 3500	41

### STANDARD SIZE:

Standard Sheet: 1400 mm x 3500 mm (53 ft<sup>2</sup>)

- Made-to-spec base metal grade
- Custom plate sizes are available upon request
- Engineered overlay thickness varies from 3mm to 38mm

## TYPICAL APPLICATIONS

- Transfer, Rock & Dump Chutes
- Feed, Load-Out & Rock Bin Liners
- Cyclones & Hoppers
- Truck Body Liners
- Bucket Liners
- Mine Skip Liners
- Crushers

## WELD OVERLAY PROPERTIES

Nominal Hardness	63 - 67 HRC
Carbide Hardness	2300 - 2700 DPH
ASTM G-65	0.09 - 0.07 g. loss
Max. Service Temp.	450°C
Plate Density	7.86 g/cm <sup>3</sup>
Typical Analysis	WC Multi-Alloy



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