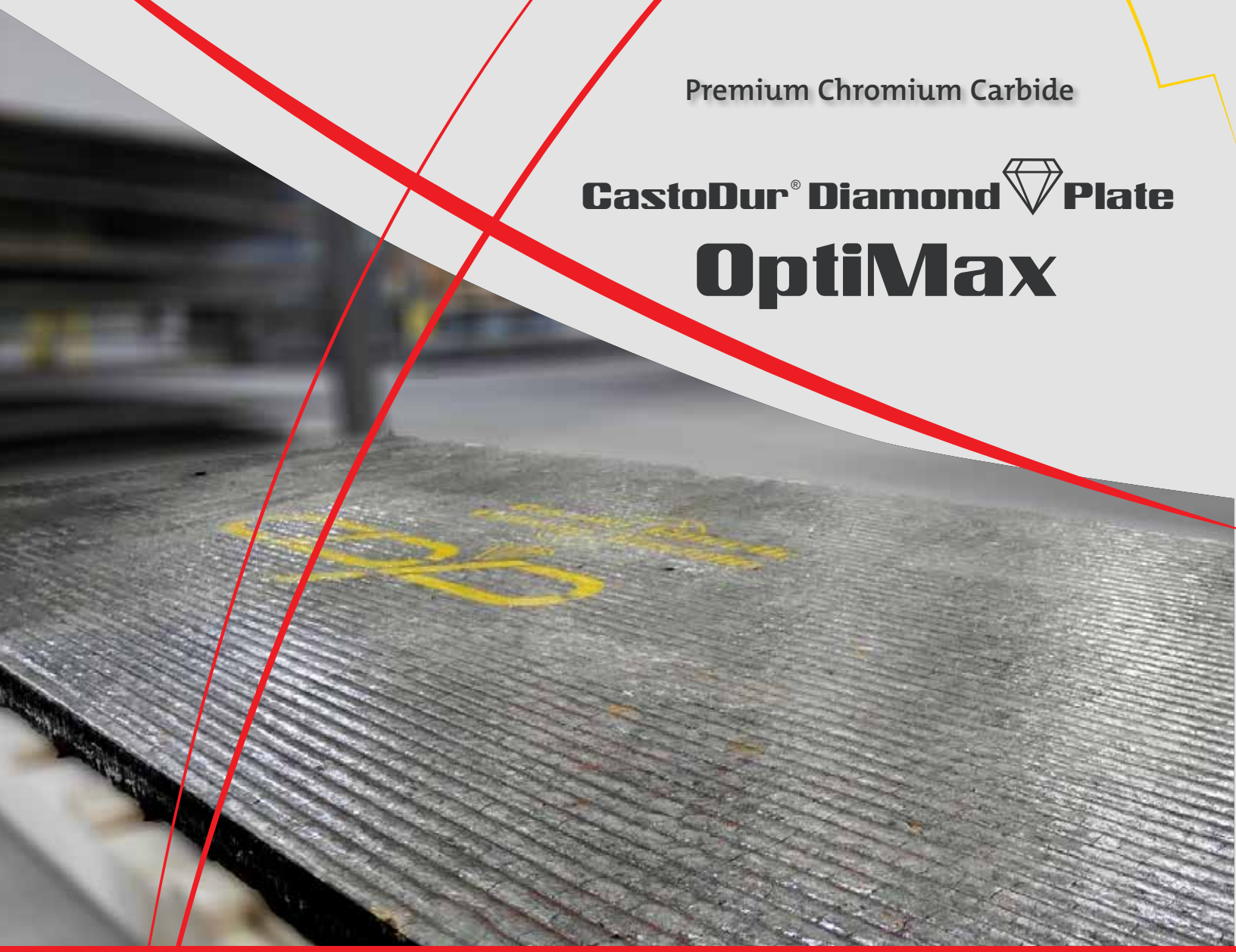
Castolin Eutectic®
Eutectic Castolin

Premium Chromium Carbide

CastoDur® Diamond Plate
OptiMax



- Benchmark CCO plate offering optimum combination of wear and impact performance
- Cost-effective solution for all wear lining requirements compared to traditional lining materials
- Proven overall wear performance due to smooth, dense, premium chromium carbide-rich deposit
- Excellent choice for improving muck flow with an optimized coefficient of friction

CDP® OptiMax

CDP® OptiMax is CE's premium Chromium Carbide Overlay (CCO) Wear Plate.

The proprietary chemical composition of CDP® OptiMax is designed to provide exceptional wear resistance with anti-hang-up properties in moderate-to-low impact conditions.

CDP® OptiMax -with its benchmark performance in its category- is a go-to solution to improve the performance and productivity of your operations, while increasing your bottom-line.

Anti-hang up formula is available providing low coefficient of friction. Outstanding forming tolerances for custom component manufacturing.

- **Excellent Formability**
- **Lower Production Costs**
- **Reduced Lead Times**
- **Higher Performance**

TECHNICAL DATA

Plate Thickness (Base + Alloy)	Plate Dimension (Cladding Area)	lb / ft²
10 mm (05+05)	1400 x 3500	16
12 mm (06+06)	1400 x 3500	21
20 mm (10+10)	1400 x 3500	30
25 mm (12+12)	1400 x 3500	41

STANDARD SIZE:

Standard Sheet: 1400 mm x 3500 mm (53 ft²)

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

TYPICAL APPLICATIONS:

Mining & Minerals / Oil & Gas:
Feed Aprons / Chutes, Mine Skips, Bins / Hoppers, Screens, Haul Trucks

Cement:
Fan Blades, Deflector Blades and Roller Mill Classifiers

Utilities:
Exhauster Blades and Classifiers, Boiler Ducts and Burners

Recyclers:
Wear Guides, Deflectors, Holding Bins and Hoppers

WELD OVERLAY PROPERTIES

Nominal Hardness	58 - 63 HRC
Carbide Hardness	1500-2200 DPH
ASTM G-65	0.17 - 0.15 g. loss
Max. Service Temp.	450°C
Plate Density	7.86 g/cm³
Typical Analysis	Premium CrC Alloy

Castolin Eutectic® Eutectic Castolin

Eutectic Corporation:
N94 W14355 Garwin Mace Dr.
Menomonee Falls WI, 53051 USA
+1 800. 558. 8524 • eutectic.com

Eutectic Canada:
428, rue Aimé-Vincent Vaudreuil-Dorion,
Québec J7V 5V5 Canada
+1 800. 361. 9439 • eutectic.ca

Follow Us On...

Rev1 - 10. 2023
801001