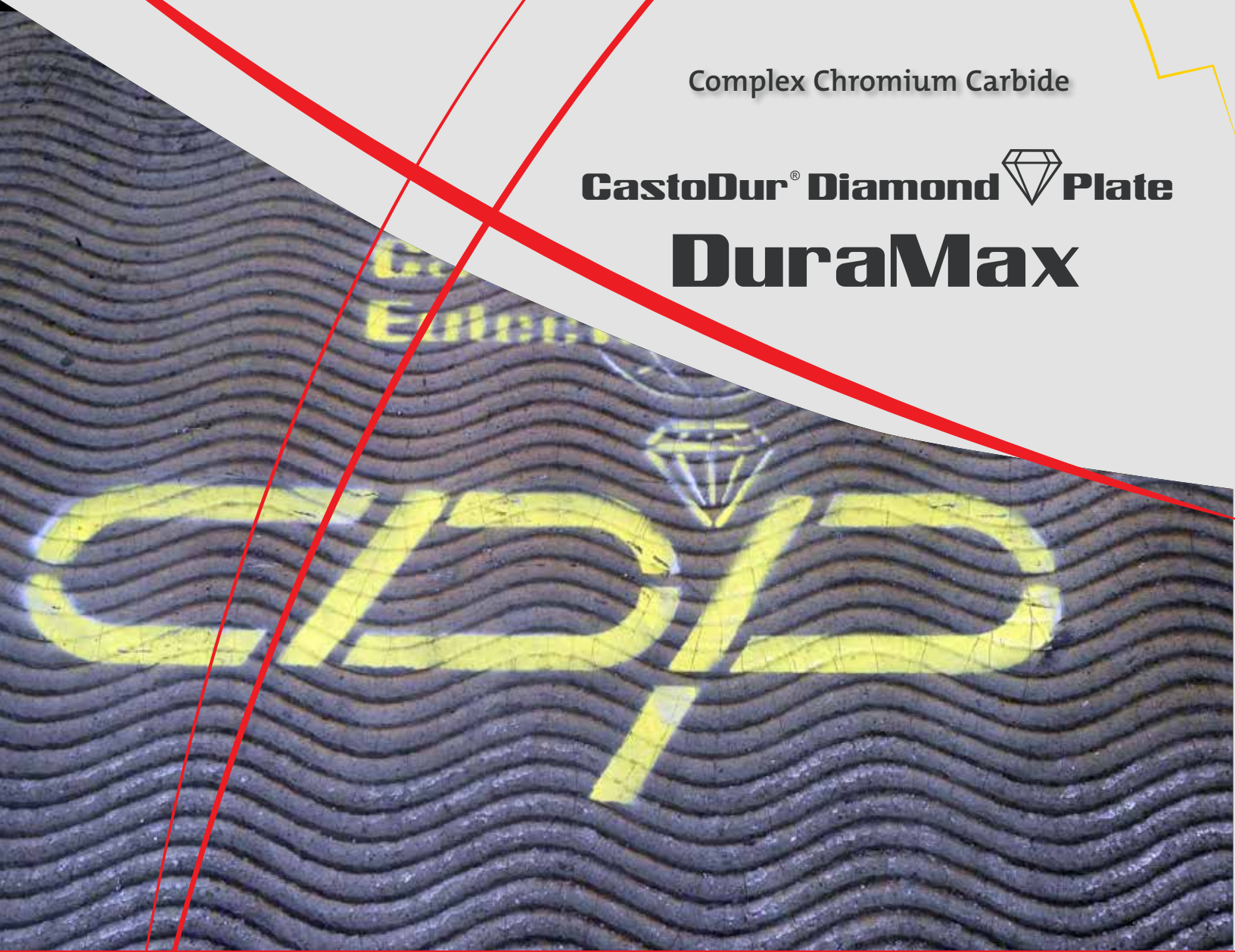




Complex Chromium Carbide

CastoDur® Diamond  Plate

DuraMax



- Ultimate solution for extreme sliding and slurry wear applications
- Proven wear performance due to its proprietary complex carbide alloy structure
- Excellent choice when particle abrasion creates costly change-outs
- Unique, sinus wave pattern provides premium wear performance

CDP® DuraMax

CDP® DuraMax is CE's proprietary Complex Carbide Overlay wear plate.

With its proprietary multiple alloy complex-carbide formula, CDP® DuraMax is specifically designed for severe fine-particle abrasion and moderate impact conditions.

Depending on the specific application, wear performance can be extended up to 3 times than traditional CCO plates.

CDP® DuraMax is manufactured in a XuperWave-s pattern. The XuperWave-s pattern is a unique sinus weld bead geometry that provides additional value, improving even more wear performance and minimizing plate scrap.

- Excellent Formability
- Increased Plant Productivity
- Improved Uptime
- Better Total Cost-of-Ownership

TECHNICAL DATA

Plate Thickness (Base + Alloy)	Plate Dimension (Cladding Area)	lb / ft ²
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 ft²)

- 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 - 65 HRC
Carbide Hardness	2100 - 2500 DPH
ASTM G-65	0.13 - 0.11 g. loss
Max. Service Temp.	450°C
Plate Density	7.86 g/cm ³
Typical Analysis	Ultra-fine Complex Carbides



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