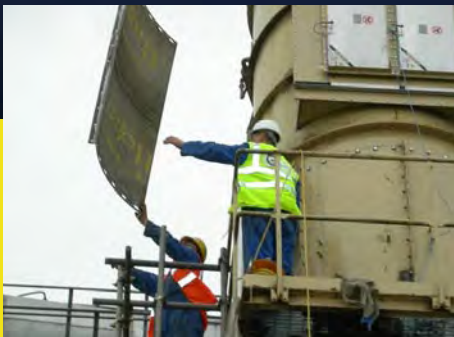


CastoDur Diamond Plate
Best Protection against corrosion, erosion and abrasion!

CastoDur Diamond Powder Plates



- Highest wear resistant through use of tungsten carbide particles
- Lightest metal wearplate available
- Perfectly smooth and flat wearplate for precision parts
- Reduces maintenance costs by extending service life cycle of protected surfaces



WEAR PLATES

CastoDur® Diamond Powder Plates

The Advantages of Powder Fused CDP-Plates 112, 212 and 496

- Light weight to facilitate simple and easy handling.
- High quality surface structure with excellent flatness.
- Ultimate superior uniformity wear protection overlay as there is no dilution of base material.
- Absence of cracks compared to welded wearplates.
- Low coefficient of friction and smooth surface to avoid clogging and sticking.
- Excellent formability and easy to cut with laser, plasma or water-jet for precision parts.
- Easy to weld base metal.



CDP powder wearplates (left side) Are extremely thin and far lighter than a welded wearplate (right side).

Performance	Abrasion	Erosion	Corrosion	Metal/Metal friction	Wearfacing type
CDP 112	Tungsten and chromium carbides in a nickel matrix
CDP 212	Tungsten and chromium carbides in an iron matrix
CDP 496	Nickel matrix

CDP 112 Highest Abrasion and Erosion Resistance

CDP 112 contains densely and evenly distributed tungsten carbides and chromium carbides particles in a nickel alloy matrix. The rich amount of carbides allows this plate to have the highest abrasion and erosion resistance compared to any other product.

CDP 212 High Abrasion and Erosion Resistance

CDP212 contains evenly distributed tungsten carbides and chromium carbides particles in an iron alloy matrix. This economical powder wearplate offers a high abrasion and erosion resistance when it is used in non corrosive conditions.

CDP 496 High Corrosion resistance and low metal friction

The extremely smooth surface finish of CDP 496 makes it ideal in metal/metal friction applications and to resist corrosion. This plate is the most suitable when clogging and any kind of deposit on the plate surface must be avoided.



CDP 112, 212, 496 dimensions



Gross dimensions	850 x 1250 mm
Coated surface	800 x 1200 mm
Base material	4 mm
Coating thickness	2 mm
Base material	Steel S235
Weight	50 Kg

Formability and cut parts

CDP Powder wearplates offer extremely good bonding to the base material. They can be easily formed by rolling and cut by plasma, laser and water jet machines.



Almost any complex shape can be cut and complex constructions can be made.



Your resource for protection, repair and joining solutions

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WEAR & FUSION TECHNOLOGY



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