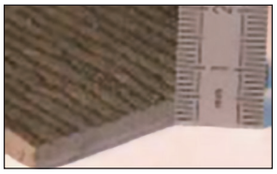
CladSheet

Thin Abrasion-Resistant Plate

CladSheet (CrC7940) is a thin, lightweight, abrasion-resistant carbide-clad sheet. It has a 3mm, 40% alloy composition deposit on a 2mm plate, making it ideal for dynamic applications where weight reduction is critical. It provides excellent abrasion resistance with reduced weight characteristics, increasing load capacities.



Superior Advantages

- Matrix hardness: Uniform Rc 58
- 8.14 lbs. per sq. ft. – significantly reduces the added weight of wearplate application
- Increases load capacities in truck beds and bucket liners – decreased plate weight allows increased load weights

Applications

- Dump beds and bucket liners
- Fans, rotors and augers
- Cyclones
- Dynamic conveyors

Total Thickness (Inches)	Overlay Thickness (Inches)	Mild Steel Thickness (Inches)	Plate Width (Inches)	Plate Length (Inches)	Plate Weight per Sq. Ft. (Lbs.)	Plate Weight (Lbs.)	Part No.	Pkg. Qty.
3/16	1/8	3/32	37	76	8.14	159	**CW2530B**	1

Wear Rings, Discs and Tiles

Wear rings, discs and tiles provide effective abrasion and impact wear protection and are easy to install. They can be applied with minimal to no equipment downtime and with minimal labor.

Certawear 200/201 Discs and Tiles

- Through-hardened to Rc 55-57
- Available in 3" round discs or 3" x 6" tiles
- Certawear kits include discs or tiles and 5 lbs. of Certanium® 706 1/8" electrodes (Part No. P12775)
- For severe impact

MK II™ Tiles and Wear Rings

- 49% CrC clad to mild steel backing
- Bulk hardness: Rc 59-61
- For severe abrasion

Description	Total Thickness (Inches)	Overlay Thickness (Inches)	Mild Steel Thickness (Inches)	Size	Weight (Lbs.)	Color	Pieces Per Pkg.	Part No.	Pkg. Qty.
Certawear 200 Discs	5/32	–	–	3" dia.	–	–	40	**P12986**	40
Certawear 201 Tiles	5/32	–	–	4"L x 3"W	–	–	20	**P12981**	20
Certawear 200 Disc Kit (includes 64 discs and 5 lbs. 1/8" 706)	–	–	–	–	–	–	–	**P7578**	1
Certawear 201 Tile Kit (includes 32 tiles and 5 lbs. 1/8" 706)	–	–	–	–	–	–	–	**P7579**	1
MKII™ Tiles	3/4	.31	.43	4" square	3.2	Black	18	**CW2691**	60 Lbs.
MKII™ Tiles	1/2	.23	.27	4" square	2.3	Gray	18	**CW2665**	42 Lbs.
MKII™ Wear Rings	5/16	.16	.16	3" dia. with 7/8" center hole	1.4	White	10	**CW2645**	10 Pcs.
MKII™ Wear Rings	5/16	.16	.16	3" dia. with 7/8" center hole	1.4	White	30	**CW2645A**	30 Pcs.

Case Hardening Compound

Quickly and easily provides a hardened surface on any ferrous metal.

First application brings hardness to Rc 45-50. Additional layers can be added to increase the hardness up to the low 60s.

- Heat the surface to be hardened to 1,600°F (871°C)
- Apply hardening compound
- Apply torch flame directly on powdered surface for two minutes at 1,600°F (871°C)
- Quench
- Repeat if harder surface is required

Description	Part No.	Pkg. Qty. (Lbs.)
Case Hardening Compound	**CW3794**	1