

# DiamondClad™

Cross Grid Chrome Carbide  
WC700 Wear Plate



**NEW PRODUCT**

## Applications:

- Primary & Secondary Crushers
- Skirtboards
- Chutes & Hoppers
- Separator Components
- Mobile Equipment
- Conveyor Tyres
- Classifier Cones
- Vibrating and Rotary Feeders
- Raw Mill
- Dozers
- Fans
- Haul Truck Beds
- Downcomers
- Pulverizers
- Classifiers
- Drag Conveyors
- Dryers
- And Many More!

## Features & Benefits

Wear-Con **DiamondClad** Chrome Carbide WC700 Wear Plate is a unique chrome carbide, 3/8" wide, 1" x 1" cross grid overlay on a mild steel base plate. **DiamondClad** is designed for areas with moderate impact and medium abrasion. **DiamondClad** can be formed, rolled, and cut to your specific needs.

## Installation

Wear-Con **DiamondClad** can be welded into place with a low hydrogen rod such as AWS spec. 7018 on the base metal. The cover pass at the overlay section should be 60 HRC Hardsurface Rod (i.e. Wear-Con VP 100)

## Technical Specifications

Wear-Con **DiamondClad** Wear Plate provides medium abrasion resistance with hardness from 58HRC, along with the ability to withstand temperatures up to 572°F. As raw material packs inside the weave a rock-box effect occurs, thus providing greater wear life.

## Sizes

Wear-Con **DiamondClad** is available in an variety of dimensions to fit your wear needs.

### Standard Sizes

Dimensions	Thickness	
48"x96"	3/8"	1/2"
60"x120"	3/8"	1/2"

### Chemical Composition

Element	Percent
P	0.02%
Mn	0.3%
Si	1.1%
C	3.5% min
Cr	20% min

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