

DiamondClad™

Cross Grid Chrome Carbide
WC700™ Plus™ Wear Plate



Features & Benefits

Wear-Con **DiamondClad™** Chrome Carbide **WC700Plus™** 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 a variety of dimensions to fit your wear needs.

Standard Sizes

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

(See reverse for **DiamondClad™** applications.)

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

2845 E. Heartland Drive
Liberty, MO 64068

WC-P-DC

11-17

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info@wearcon.com
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DiamondClad™

Cross Grid Chrome Carbide

WC700™ Plus™ Wear Plate



DiamondClad™ lined Chute.



DiamondClad™ lined Bucket.



DiamondClad™ lined Chute.

(See reverse for Diamond™ Clad™ information.)



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Applications:

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

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