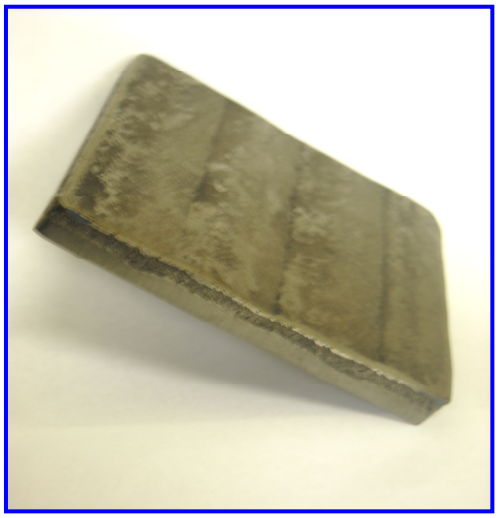
TRU STEEL METALS LLC

TRU KROCARB

CLAD OVERLAY WEAR PLATE
CHROME CARBIDE FUSION PLATE

TRU KROCARB is an ultra-hard, impact and abrasion resistant chrome carbide composite alloy formed by metalurgically bonding granular chromium carbide powder to steel. The result is the ultimate wear resistant properties available for the toughest abrasion/ impact applications.



The surface of high quality fusion cladding should always contain distribution of large and small stress-relief cracks in order to provide maximum wear life in heavily abrasive applications. Stress relief cracks are normal and should occur during the application of fusion cladding to a backing plate do to dissimilar cooling rates. In most applications, proper layout of the stress cracks will provide a wear surface to handle abrasives effectively and economically.

BENEFITS

- Superior abrasion/impact resistance
- Cost Effective
- Good weldability to mild steel base
- Can be cut, formed and welded
- Overlay can be applied to 2 sides for added strength and durability
- Superior to ceramics
- Pipe fabricated 2" ID and over
- Stress relieved
- Extended service life

PROPERTIES

Carbide Hardness	1750 BHN
Matrix Hardness	60 R/C
Bead Width	1-1/4"
Base Plate Thickness	¼" to 1-1/2"
Single Pass	3/16", ¼"
Double Pass	¼", 3/8"

APPLICATIONS

Chutes	Crusher Hammers	Cyclones	Whizzer Blades
Fan Blades	Cone Liners	Hoppers	Shovel Liners
Scrapers	Bucket Lips	Pipe	Dozer Blades
Fan Housings	Chipper Hoods	Truck Liners	Grizzly Bars
Mining Equipment	Wear Plates	Skip Cars	Feeder Plates
Hot Mill Guides	Transitions	Sluice Gates	Exhauster Blades
Flop Gates	Slurry Lines	Coal Chutes	Vibrating Pans

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