

# WORKWEAR™ 14 & RHINO-KLAD™

## 14% Manganese Plate & Bar

## Chromium & Tungsten Carbide Overlay

**Workwear 14** is true **austenitic 11-14% manganese** product. It exhibits excellent work hardening characteristics in service applications where impact and abrasion are prevalent.

**Workwear 14** will “**work harden in service**” to approximately 500 BHN. In the “as shipped” condition it is approximately 250 BHN. **Workwear 14** can be welded with standard manganese electrodes. Please use only certified personnel who are familiar working with this type of material. Drilling is not recommended for this product.

**“Workwear 14 hardens under impact and moderate load.”**

### Typical Applications

- Scrapers
- Dozer Blade Liners
- Feed Chute Liners
- Truck Box Wear Strips
- Breaker Bars
- Conveyor Lines & Skirting
- Shovel Bucket Wear Plates
- Hopper Liners

(Past Protected Trade Name of Associated Steel Corporation – Kromite® 14% Manganese)



### Availability

- Angles ( 1/4” x 2” x 2” ) one size only
- Full Size Plates and Sheets
- Bar Stock ( Rounds only)
- Fabrication and Assemblies

**Rhino-Klad** is a **high alloy overlay** deposit on high strength plate. This process provides a **chromium** or **tungsten carbide** overlay metal that is fusion bonded to high quality plate. Bond cannot separate or laminate under abrasion or shock.

### Advantages of Rhino-Klad

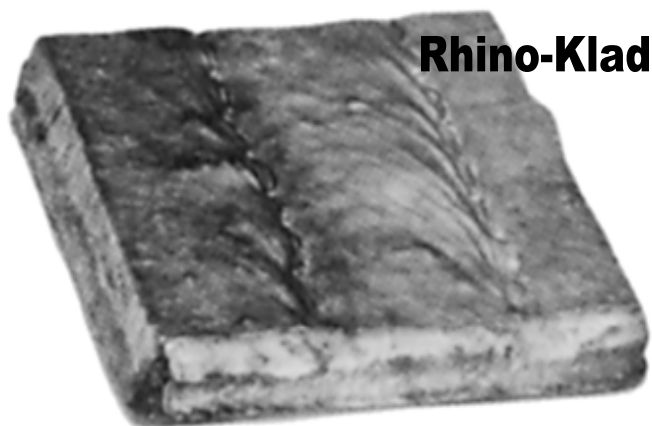
- Excellent Abrasion Resistance
- Impact Resistant
- Weldable

### Typical Applications

- Chutes
- Blades
- Liners
- Wear Strips

### Availability

Please contact our Cleveland office for all inquiries. Standard sizes range in nominal thickness from 3/8” to 1” with an overlay thickness of 1/8” to 3/8”. We can also furnish **double** and **triple overlays** upon request and special fabricated parts right to your specifications.



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