

Workwear 14™ & Rhino-Klad™

14% Manganese Plate and Bar

Fusion Bonded Overlay Plate

Workwear 14 is true austenitic 11-14% manganese. It exhibits excellent work hardening characteristics in service applications where high 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

Availability

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

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

Rhino-Klad is a high alloy overlay deposit on high strength plate. This process provides a chromium 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
- Liners
- Blades
- 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. **Inquire on tungsten carbide where other clad parts have failed.**

(Past Protected Trade Name of Associated Steel Corporation – Krome Klad™)

