

HARDFACE TECHNOLOGIES

by POSTLE INDUSTRIES

Hardfacing Products for Foundation Drilling

Postalloy® 2820-SPL Chromium Carbide

Postalloy® 2820-SPL is a chromium carbide hardfacing alloy that produces a controlled microstructure of specially sized carbides in a very tough matrix. For applications involving high impact combined with abrasion.

Applications Include:

- Scraper blades
- Road ripper teeth
- Bucket sides
- Bucket bottoms
- Bucket teeth
- Screw conveyors
- Grizzly bars
- Average hardness is 47-52 Rc

Postalloy® 2832-SPL Chromium Carbide

Postalloy® 2832-SPL is a premium chromium carbide hardfacing wire for applications involving high abrasion and mild or moderate impact.

Applications Include:

- Augers
- Auger points
- Belling tools
- Bucket Lips
- Bucket teeth
- Core Barrels
- Drilling Buckets
- Dozer end bits



Screw Conveyor with Hardfacing

- Muck Buckets
- Screw conveyors
- Average hardness is 58-62 Rc

Your Global Resource for Industrial Hardfacing and Wear Resistant Technologies

Postalloy® 2898-SPL Self Hardening Overlay

Postalloy® 2898-SPL is a general purpose self-hardening overlay with good combination of resistance to abrasion and impact. Postalloy® 2898-SPL is very tough with excellent resistance to chipping and spalling.

Applications Include:

- Augers
- Bucket teeth
- Dozer blades
- Average Hardness is 55-59 Rc

Postle Industries has in house R&D and can custom engineer a hardfacing product just for you!

Postalloy® 215HD Chromium Carbide Electrode

Postalloy®215HD is a chromium carbide tubular hardfacing electrode with extremely good abrasion resistance coupled with mild to moderate impact resistance.

Applications Include:

- Augers
- Auger points
- Belling tools
- Bucket Lips
- Bucket teeth
- Core barrels
- Drilling buckets
- Dozer end bits
- Muck buckets
- Screw conveyors
- Average hardness is 58-62 Rc



Foundation Drilling Auger

Postalloy 215HD has a hardness of up to 62 Rc. It is low smoke and easy to apply. Hardfacing drilling augers will typically increase service life by 300% or more.

For more information on how to obtain the maximum life of your equipment please contact Mike Korba or Klint Smith at (216) 265-9000. mkorba@postle.com · ksmith@postle.com