

Hardfacing Products for the
Sugar Cane Industry

Postalloy® 2832-SPL Chromium Carbide

Postalloy® 2832-SPL is a premium chromium carbide alloy open-arc wire that has a high volume fraction of carbides dispersed in a hard matrix. Ideal for applications involving high abrasion and moderate impact.



Hardfacing can be used on cane rolls to create a hook profile to increase productivity as well as increasing service life up to 300% or more.

Postalloy®

2832-SPL can be used to produce a hook profile on teeth of sugar cane crusher rolls.

Applications Include:

- Teeth of sugar cane crusher rolls
- Sugar cane knives and hammers
- Scraper blades
- Average Hardness is 58-62 Rc

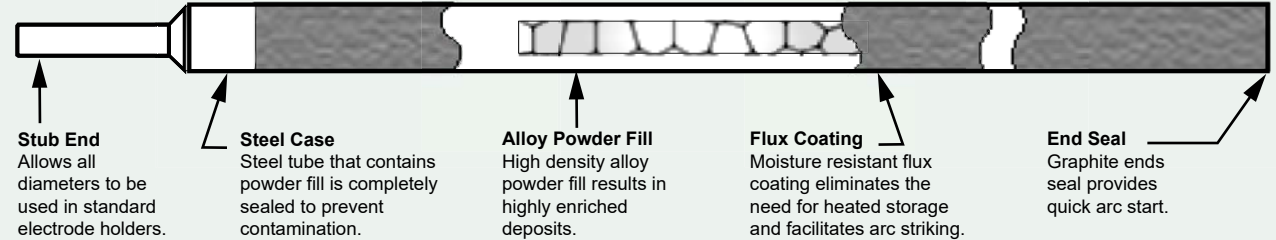
Postalloy® 2898-SPL Overlay

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

Applications Include:

Postalloy® 215HD Tubular Electrodes

POSTALLOY® Tubular electrodes are a unique concept in hardfacing technology. They are filled with the highest percentage of carbide forming alloys for maximum wear resistance and longest service life of your equipment.



POSTALLOY® Tubular Electrodes Offer:

- High Deposition Rates - Up to 3 times faster than ordinary electrodes.
- Ease of Use - Can be used with AC or DC welding equipment.
- High Metal Recovery - There is no slag to remove making over 90% efficient. Ordinary electrodes waste up to 40%.

- Scrapers
- Turn plates
- 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 Tubular Electrode

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

Applications Include:

- Teeth of sugar cane crusher rolls
- Knives and hammers
- Scraper blades
- Scrapers
- Turn plates
- Sugar mill rolls
- Average Hardness is 58-62 Rc

Postalloy® 2821-MCO (Chapisco)

Postalloy® 2821-MCO (Chapisco) "Spatter Arc" for "Roll Arcing" produces a rougher weld deposit that will aid in pulling and tearing the cane as it feeds through the rolls for processing.

Postalloy® 2821-MCO is a chromium carbide alloy that produces a controlled microstructure of finely sized carbides in a tough matrix. The smaller carbide size absorbs impact and compressive loads better. Ideal for applications involving high abrasion and moderate impact. Used on Sugar Mill Rolls. Can be applied while the rolls are operating.

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