

# solutions

Industry Updates and Solutions for Conveyor Material Handling Applications.

Providing the World Material Handling Industry with Productive, Safe and Reliable "Complete Conveyor Solutions."

# ASGCO®

Complete Conveyor Solutions

## got wear?

### Copper Mine Solves High Wear Areas with Armorite™

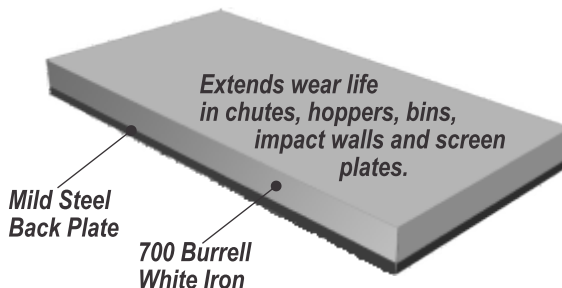
**PROBLEM:**

A copper mine was experiencing high wear in their "pant-leg" chute liners. A combination of abrasive material and high tonnages was the major factor why the mine was only about to get 4-5 weeks from 1" thick AR500 plates. The material being conveyed and transferred is; 2 1/2" minus crushed copper ore (105#/cuft @ 2.5% moisture) at a rate of 6800 TPH.

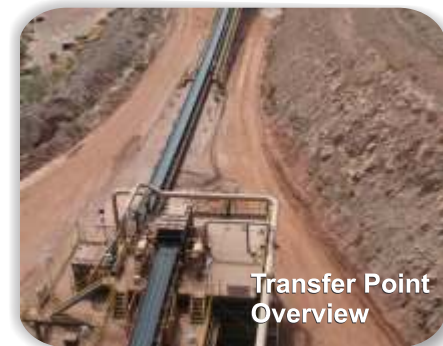
**SOLUTION:**

Armorite 700 was selected for a 6 month test. After 12 months the Armorite 700 Liners were still in service with little signs of wear. The customer stated we "exceeded all expectations" and will be reviewing other high wear areas for ASGCO to solve.

**ASGCO Armorite™ 700 Wear Plate**



ASGCO Armorite™ 700 is a combination of high chromium and molybdenum white iron metallurgically bonded to a mild steel plate. Armorite provides maximum protection in high water areas, with the mild steel backing cushioning the white iron enabling it to withstand impact. Armorite is easily weldable with minimal preparation.



Transfer Point Overview



Internal View



Lined Areas

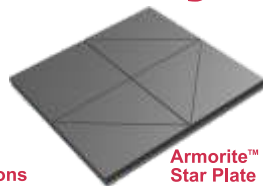
**Do the math...5 weeks verses 12 months!  
Which liner would you rather have?**



Armorite™ Skirt Liners



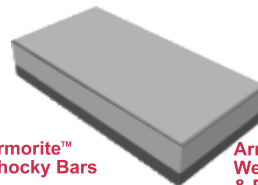
Armorite™ Wear Buttons



Armorite™ Star Plate



Armorite™ Chocky Bars



Armorite™ Wear Plate & Bars

**ASK FOR ARMORITE - NO SUBSTITUTE!!**

For more information on our ARMORITE 700 products contact us at 1-800-344-4000 or log on to [www.asgco.com](http://www.asgco.com)

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