



CHALLENGES THEY WERE FACING

- Maintenance costs and downtime - wear plant change out is 21 days per annum - Nihard plates only lasting 127, 000 tonnes.
- Eliminate confined space work.
- Reduce maintenance on tip pocket conveyor chute.



Laminate® Rockbox liner wear plates at installation



Same Laminate® wear plates 8 months & 2 million tonnes later

LAMINITE® ROCKBOX VS NIHARD/Q+T

A MAJOR S.A. IRON ORE MINER
ELIMINATED 19 OUT OF 21 CONFINED
SPACE EVENTS PER CHUTE BY CHANGING
TO LAMINITE® ROCKBOX LINERS



**SAFETY
ALWAYS**

OUR SOLUTION

- Replace Nihard with Laminate® Rockbox liners.
- Laminate® Rockbox liners lasted 3 million tonnes.
- Plant down time for wear plate change out is now 1 day per annum.

NiHard		Laminate® Rockbox	
Price of Plates (13 required @ \$180 each)	\$2,340.00	Price of Plates	\$5, 104.00
Labour requires (4 men x 12hrs @ \$75/hr)	\$3, 600.00	Labour requires (4 men x 12hrs @ \$75/hr)	\$3, 600.00
Gas watcher required (12hrs @ \$80)	\$960.00	Gas watcher required (12hrs @ \$80)	\$960.00
Installation Price	\$6, 900.00	Installation Price	\$9, 664.00
Yearly installation cost	\$144, 900.00	Yearly installation cost	\$9, 664.00

