



40 YEARS OF PERFORMANCE DESIGNED SOLUTIONS

CUPOLA STACK MAINTENANCE UNI-BRADE AR-85

BACKGROUND ❖

Maintaining the charge zone and upper ductwork of a cupola can be a difficult problem due to physical abuse, slag, and thermal cycling. Many times, traditional shotcrete and gunite products do not adequately maintain the lining, requiring more maintenance and relines.

UNITED APPROACH ❖

A new maintenance approach involves **UNI-BRADE AR-85**, a new chemically bonded, high alumina gunite composition with the following features:

- The combination of the chemical bond and high alumina system provides increased resistance to corrosion and slag over traditional cement bonded shotcrete or gunite.
- The chemical bond helps provide an extremely tough matrix for exceptional resistance to abrasion and physical abuse.
- The proprietary formulation delivers a user friendly installation with excellent gunnability.

DELIVERED ❖ VALUE TO CUSTOMERS

Cupola A – East Coast

“After 4 months, the **UNI-BRADE AR-85** looks very good...better than anything we have seen.”

Cupola B – Midwest

“We installed the **UNI-BRADE AR-85** to get us to a reline. When we went in, the stuff looked great...much better than any gunite or shotcrete we used before.”



BEFORE gunning UNI-BRADE AR-85 on the joint where the crossover meets the upperstack.



AFTER gunning UNI-BRADE AR-85.



4 MONTHS AFTER, the joint is still in excellent shape.



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