



40 YEARS OF PERFORMANCE DESIGNED SOLUTIONS

UNI-BRADE **AR** FAMILY OF ABRASION RESISTANT SPECIALTIES

| UNI-BRADE Family | Al ₂ O ₃ (%) | Bond | Service Temp. (°F) | C704 Results (cc) Cast | C704 Results (cc) Gunned | Installation Method | Typical Applications |
|------------------|------------------------------------|--------------|--------------------|------------------------|--------------------------|--|--|
| UNI-BRADE AR-85 | 83 | ■ Chemical | 2500 | <3.0 | <7.0 | <ul style="list-style-type: none"> ■ Hand Pack ■ Ram ■ Gunite | <ul style="list-style-type: none"> ■ CFBs ■ Cupola Stacks ■ Cement Plants ■ FCCUs ■ Taconite Plants |
| UNI-BRADE AR-60 | 60 | | 2500 | <6.0 | <10.0 | | |
| UNI-BRADE AR-P8 | 83 | ■ Low Cement | 3200 | <5.0 | N/A | <ul style="list-style-type: none"> ■ Pump ■ Vibracast ■ Cast | <ul style="list-style-type: none"> ■ Zinc Kilns ■ Precast Shapes ■ Cement Kilns ■ Lime Kilns |
| UNI-BRADE AR-VC8 | 82 | | 3200 | <5.0 | N/A | | |

DELIVERED VALUE

UNI-BRADE AR-85

GUNNED

"We gun AR-85 regularly in the tough areas of our CFB plants."

Actual gunned data (independently tested)

After 1500°F CCS(psi) 11,300
C704(cc) 5.4

HAND PACKED

"Extremely consistent, easy to hand pack. Over 12 months, held up better than AA-22 or Actchem."

Actual hand packed data (independently tested)

After 1500°F CCS(psi) 14,600
C704(cc) 2.7

