



40 YEARS OF PERFORMANCE DESIGNED SOLUTIONS

LOW CEMENT RF GUNNING MIXES

New Generation, Rapid Fire Technology

PRODUCTS ❖

- UNI-GUN RF-50 RG
- UNI-GUN RF-60 RG
- UNI-GUN RF-65 RG
- UNI-GUN RF-70 RG
- UNI-GUN RF-60Z RG
- UNI-GUN RF-MZS RG
- UNI-GUN RF-80SC RG
- UNI-GUN RF-FS RG



UNI-GUN RF-70 RG installed in taconite plant.



UNI-GUN RF-FS RG product installed in ash hopper.

FEATURES	BENEFITS
▪ Less cement	▪ Less lime with improved hot strength and abrasion resistance
▪ Higher density/lower porosity	▪ More ceramic bonding at temperature
▪ "Shotcrete-like" gunnability	▪ Great veneering properties with "sticky consistency" and very low rebounds
▪ RF (Rapid Fire) technology	▪ Allows for safer and faster dryouts
▪ Steel needles available	▪ Saves time and \$ at jobsite

PLANT	TACONITE FURNACE	WASTE-TO-ENERGY Ash Hopper	CEMENT PREHEATER	CFB Ducts and Cyclones
Conditions	Flame impingement, thermal cycling	Heat, abrasion and thermal shock	Abrasion and alkali resistance	Abrasion and adhesion
Past Practice	Phos. bonded plastic	Competitive fused SiO ₂	AZS shotcrete	Low Cement Gunning Mix
URC Solution	<u>UNI-GUN RF-70 RG</u>	<u>UNI-GUN RF-FS RG</u>	<u>UNI-GUN RF-60Z RG</u>	<u>UNI-GUN RF-60 RG</u>

DELIVERED ❖ VALUE

	<p>"Looks great after one year, excellent gunnability."</p> <p>"Product handled extremely well... very consistent."</p>	<p>"United's response was great, made two trucks and shipped in one day. Product gunned extremely well with very low rebounds."</p>	<p>"Great gunnability, excellent veneering product... went one year in downdraft calciner." (past std. was 6 months)</p>	<p>"Rebuilt ducts and internal shelf to cyclone ...also patched cyclone extensively. Gunned beautifully, great veneering product... tested at 9.9cc C704."</p>
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