



# CRUSHER BACKING

## PRODUCTS

### Redbac Standard Crusher Backing

The established bench mark for everyday crushing, Redbac Standard Backing is recommended for use in most crushing applications. The uniform consistency, pourability, and cured toughness assure maximum support of manganese and alloy wear parts. It offers elevated compressive strength, service temperature and impact resistance.

### Copps XP-2000 High Performance Backing

The ultimate backing material for wet, demanding or troublesome crushing applications. Uniquely formulated with high impact resistance, extremely low water absorption, and the toughness to withstand abrasive media and high temperature crushing environments.

### Redbac Non-Corrosive Standard Backing

Redbac non-corrosive standard backing is a DOT unregulated version of our standard backing. It has been carefully formulated to address environmental, workplace safety, and shipping concerns. Redbac non-corrosive standard backing will provide the same performance as the traditional material.

### Copps XP-3000 Non-Corrosive HP Backing

Copps XP-3000 non-corrosive high performance backing is a DOT unregulated version of our ultimate backing material, XP-2000. Suitable for the most aggressive crushing applications including gyratories and primary crushers, XP-3000 sets up with minimal shrinkage and negligible water absorption.

### **COPPS CRUSHING BACKING PRODUCTS DO NOT CONTAIN BGE<sup>1</sup>, VOC'S, OR NONYL PHENOL<sup>2</sup>.**

1- Butyl Glycidyl Ether. The EPA (SARA Title III, section 312) lists BGE as "Toxic" (per ANSI Z129.1) by skin absorption and an immediate health hazard.

2- Nonyl Phenol is a Marine Pollutant and considered "Dangerous for the environment" per the EU directive 79/831/EEC.



Product	Part Number	Container Size	Comp. Strength, psi	Impact, in/lb/in	Heat Distortion Temp, °F / °C	Water Absorption*	Working Time, mins. @ 72°F / 22°C
Standard Backing	K-001	22 lb-2gal. kit 50 lb-5 gal. kit	16,500	4.1	161 / 71.6	0.12%	20-25
High Performance	K-085	22 lb-2gal. kit 50 lb-5 gal. kit	18,000	4.9	200 / 93.3	0.08%	20-25
NonHaz Standard Backing	K-817	22 lb-2 gal kit 50 lb-5 gal kit	15,000	3.5	133 / 56	0.48%	15-20
NonHaz HP Backing	K-831	22 lb-2 gal kit 50 lb-5 gal kit	17,000	4.2	187 / 86	0.16%	15-20

\* 30 day immersion @ 72°F/ 22°C

# EPOXY MAINTENANCE

## PRODUCTS

### Armor Plate Ceramic

A family of two-component, alumina ceramic filled epoxy systems specifically designed to resist abrasive wear and corrosion in pump casings, slurry lines, pipe elbows, pneumatic transport systems, chutes, cyclones, fans, coal breakers, pulverizers, coal heads, and other high wear areas. Available in fast, high temp and DOT unregulated (non-corrosive) formulas.

### Bushing Lock

A non-corrosive, DOT unregulated two component 100% solids, VOC, BGE<sup>1</sup> and nonyl phenol<sup>2</sup> free, epoxy resin system designed for high temperature, heat-absorbing applications. It is specifically intended for use on cone crushers to "lock" the eccentric bushings and prevent the bushings from moving or turning in the main frame or eccentric.

### Redbac Deep Pour Grout

Deep Pour 3CE Grout is a three component, 100 % solids, self-leveling BGE\* free, epoxy resin system designed specifically for pours up to 8" (20.3 cm). Deep Pour 3CE offers rapid strength development, excellent flow characteristics, and minimal shrinkage. It will survive impact and vibration equal to reinforced rubber materials and will not delaminate under the most severe shock loads. Available in a unique non-corrosive DOT unregulated version with outstanding performance.



### Armor Plate Brushable Ceramic

Brushable Ceramic is a smooth, two-component, ceramic filled epoxy system yielding a high gloss, low friction coating designed to withstand abrasion, turbulence and cavitations. Typical applications include repairing heat exchangers and condensers, lining chutes and tanks, resurfacing rudders and pintel housings, repairing cooling pump impellers, butterfly valves and cavitating pumps.

### Redbac Quick Fill Grout

Quick-Fill Grout is a two component, 100 % solids, low viscosity epoxy resin system formulated for applications requiring high strength, vibration control, and chemical resistance. Redbac Quick-Fill Grout does not contain butyl glycidyl ether (BGE) or nonyl phenol and is available as a non-corrosive DOT unregulated version.

## Product Ordering Information

Product	Part Number	Volume
Armor Plate Ceramic	K-060	14lb/175 in <sup>3</sup>
		24 lb/300 in <sup>3</sup>
		54 lb/674 in <sup>3</sup>
Armor Plate Steel Fast	K-081	16 lb/173 in <sup>3</sup>
Armor Plate Brushable Ceramic	K-015	2 lb/36 in <sup>3</sup>
		15 lb/267 in <sup>3</sup>
Deep Pour Grout	K-028	54 lb/682 in <sup>3</sup>
		273 lb/3,446 in <sup>3</sup>
Quick Fill Grout	K-005	22 lb/348 in <sup>3</sup>
		50 lb/792 in <sup>3</sup>

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