

Plasite® XAR 470



Protect and restore eroded metal surfaces with the toughness of ceramic.

PRODUCT DETAILS Plasite XAR 470 incorporates a propriety blend of high performance pigments including silicon carbide bound in an epoxy novolac resin to combine toughness and wear resistance in one package. This carefully formulated compound sprays beautifully enabling a smooth and durable surface. The inherent chemical resistance of epoxy novolac and silicon carbide ceramics makes it ideal for corrosive conditions seeing physical wear and cavitation conditions.

Plasite XAR 470 is packaged in 0.2 gal. hand applied kits and 1125 ml cartridge kits for repair or restoration projects and 15 gal. kits for larger projects.

APPLICATIONS

MINING, MATERIAL TRANSFER, CEMENT AND AGGREGATE

CONVENTIONAL POWER

AGRICULTURAL

OIL SANDS

TYPICAL USES INCLUDE

SLURRY PIPES AND TANKS

MIXING BLADES AND IMPELLERS

SCREW CONVEYORS

BULK MATERIAL HANDLING

FRAC SAND/CHEMICAL MIXING

PUMP CASINGS

PNEUMATIC TRANSFER SYSTEMS

FEATURES

- › Hard, tough, durable film
- › Outstanding adhesion
- › One coat high build protection
- › Extreme abrasion protection
- › High compressive strength
- › Very high flexural strength
- › Broad spectrum chemical resistance
- › Edge retentive

Plasite XAR 470

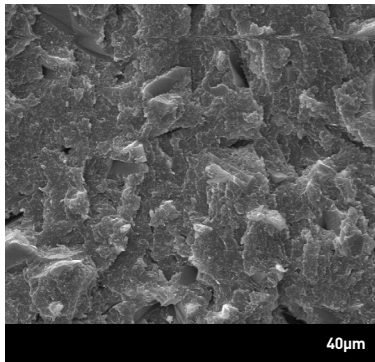
Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

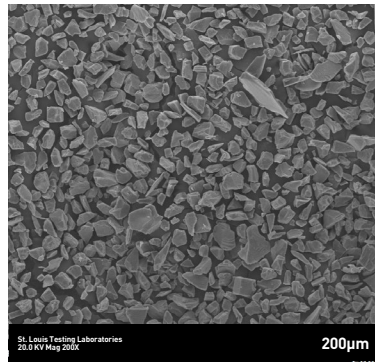
Reasons to use Plasite XAR 470

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Ceramic filled polymer	Incredible cut and wear resistance	Reduces out of service time
100% solids	Enables thick application	Return to service quickly
Sprays smooth	Improves material flow	Extends service life
Small unit packaging	Minimizes waste	Lowers material cost

Silicon carbide is used in many supercar brake discs for its hardness, temperature stability, and thermal conductivity. Combined with being chemically inert in the novolac based Plasite XAR 470 these properties result in a highly durable lining for a variety of abusive services.



Plasite XAR 470 extends your equipment maintenance cycle and reduces down time.



Silicon Carbide particles; the pigment particle geometry blend is uniquely designed for optimum abrasion resistance, hardness and miscibility for high loading levels in epoxy novolac to impart toughness, cutting and cavitation resistance.



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