

product data

SELECTION & SPECIFICATION DATA

TYPE & DESCRIPTION	860 AR LINER is a 100% solids advanced ceramic composite, formulated to protect equipment from aggressive erosion, chemical attack and corrosion. Trowel applied at a nominal film thickness of 1/8" per coat. Formulated for extremely abrasive and corrosive environments where metal loss is often repaired by more conventional weld overlay. It can be used either to rebuild eroded metal surfaces or to provide a wear resistant surface with typically outperforms the original metal, weld overlays or rubber liners.
ADVANTAGES	860 AR cures at temperatures as low as 50°F to form an exceptionally abrasion resistant polymer-aggregate matrix. 860 AR is applied to a primed surface by trowel, where close tolerances and a smooth finish are required. Dramatically outlasts other wear resistant materials and coatings, extending the operating cycles of equipment. Outperforms weld overlays. May be molded to precise dimensions for critical tolerances. Performs well in a variety of fluctuating chemical environments.
USES	860 AR may be used alone, or in conjunction with other Greenstone systems. This trowel applied liner system greatly extends surface wear and will provide predictable preventative maintenance. <ul style="list-style-type: none">• Pulverizers• Hoppers and Silos• Slurry Pumps and Pipe Elbows• Blowers• Transport Pipelines for Abrasives• Lined Chutes• Dredge Pumps• Tile Lined Conveyor Screws• Fans• Cyclones• Metal Clad Exhaust Fan Housings• Rubber Lined Deflector Hoods
GOVERNMENT AGENCY	Meets the requirements of the U.S. Department of Agriculture (USDA) for use as an incidental food contact lining system.

FOR INDUSTRIAL USE ONLY!

PHYSICAL DATA	Compressive Strength - 15,250 psi Tensile Strength - 6,350 psi Impact Strength - 100 in./lbs. Indentation - No indentation MIL-D-3134F Maximum Temperatures - Wet Exposure 160°F, Dry Heat 250°F Shelf Life - 1 Year (warehouse conditions) Working Time - approximately 30 minutes at 75°F. Potlife - approximately 20 minutes at 75°F. Cure Time - hardens in 8-12 hours at 75°F. The warmer the temperature, the faster it cures. Allow a minimum cure of 48 hours at 75°F for full cure. Solids - 100% Colors - Charcoal.
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PACKAGING / COVERAGE	860 AR Lining System - components sold separately - 860 AR PRIMER - 1 quart - covers approximately 50 square feet at 8 mils - <ul style="list-style-type: none">1 container - Part A (resin)1 container - Part B (hardener) 860 AR LINER - 1 batch - covers approximately 12.5 square feet at 1/8" <ul style="list-style-type: none">1 container - Part A (resin)1 container - Part B (hardener)1 bag - Part C (Abrasion resistant and chemical resistant aggregate) 860 AR LINER - 2 batch - covers approximately 25 square feet at 1/8"
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