

SAUEREISEN



McIlvaine Company

Hot Topic Hour on

“Selecting FGD Scrubber Components”

Thursday, December 19, 2013

Since 1899



Over 80 years in the Power generation marketover eight (8) decades of projects including:

- Inorganic Mortars
- Inorganic Refractories / Organic Membrane
- Organic Epoxy & Vinyl Ester Linings

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ACID-BRICK LINERS

FOR STACKS



Since 1899



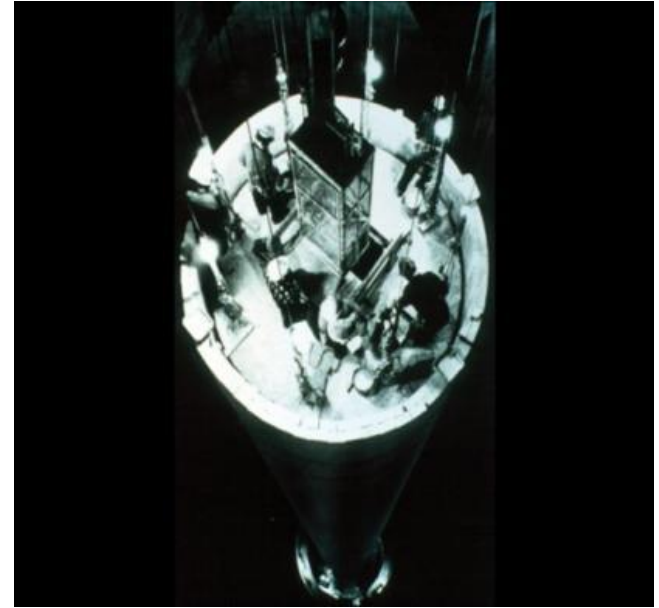
Advantages of Brick Liners

- Excellent Chemical Resistance
- Excellent Temperature Resistance
- Proper design ensures development of excellent thermal shock resistance
- Very durable, offering long-term performance





Independent Brick Liners



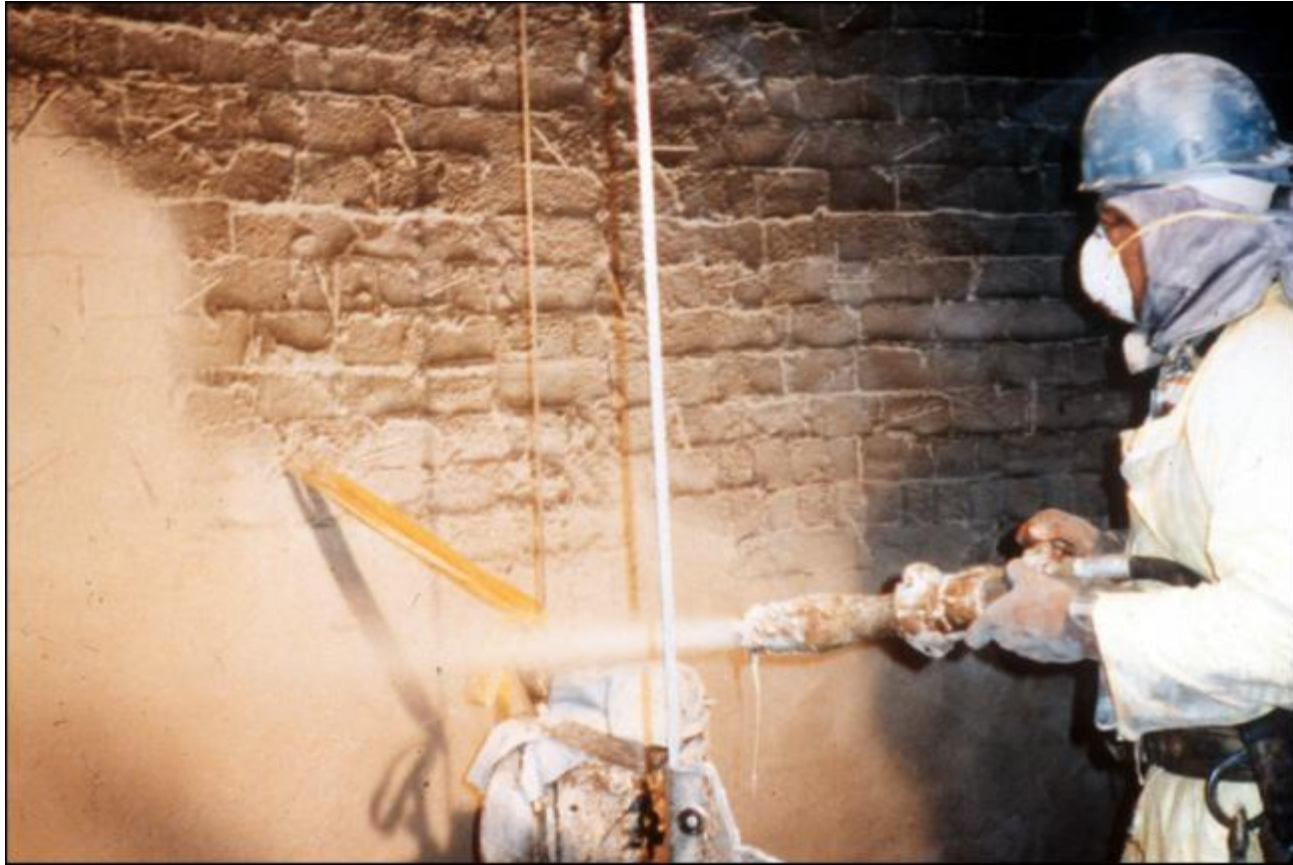
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GUNITE LININGS

FOR STACKS

Since 1899

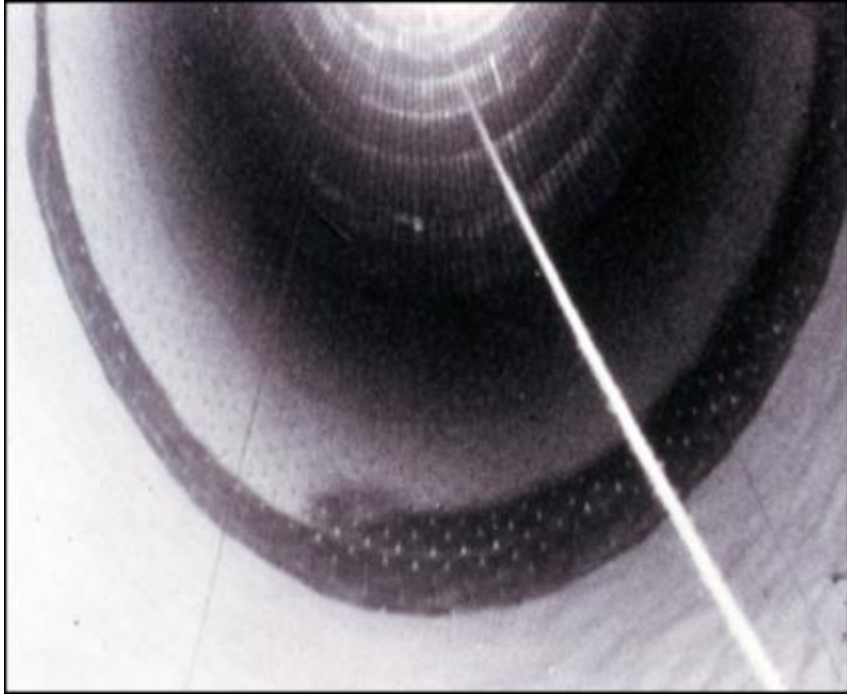


Gunite Application of Refractory



Advantages of Guniting Liners

- Impervious when used with a membrane
- Excellent Chemical Resistance
- Excellent Temperature Resistance
- Lightweight/Thermally Insulating
- Fast application for quick turnarounds
- Numerous applications - for concrete, steel, existing brickwork
- Cost effective



Steel Stack

Duct





Rehabilitation of Chimney Floor with Inorganic Polymer Concrete





Application of Fiber-Reinforced Lining in Flue Gas Scrubber Duct





Providing over 100 years of corrosion prevention solutions for Power Plant APC Systems



High Temperature Membrane



CHEMICAL-RESISTANT MEMBRANE NO. 89

TYPE	Urethane-asphaltic
SUBSTRATE	concrete, steel, masonry
SURFACE PREP (steel)	SSPC SP6 - Commercial blast
MAX SERVICE TEMP	300°F
CHARACTERISTICS	elastomeric, impervious, bonds well to properly prepared substrate