

FIBERSTONE CEMENT KILN PREHEATER BLASTER NOZZLES



FIBERStone is a precast refractory composite, composed of low cement refractory slurry and stainless steel fibre. It is a combination of up to 16 percent by volume stainless steel fibres and slurry type. Under appropriate conditions, FIBERStone shapes can have a service temperature range up to 3000°F (1659°C). The unique characteristics of this product are: thermal shock resistance, impact resistance, compressive strength and refractoriness when compared to steel or cast iron shapes. At elevated operating temperatures, FIBERStone replaces cast

iron and steel parts that are oxidizing. FIBERStone is also a direct replacement for conventional precast refractory shapes in structural or support applications. FIBERStone shapes, unlike standard precast shapes, can be bolted to the same structure as the steel or cast iron it is replacing.

FIBERStone with quality wire reinforcement is being used successfully in the cement industry. FIBERStone shapes are repeatedly used for Dampers, Bull Nose Sections, Nose Rings and Blaster Nozzles.

Photo No. 1 - The back or air inlet section of a FIBERStone Blaster Nozzle on the left showing anchorage with a view of the front or working face on the right showing the restricted outlet which helps prevent penetration of dust and increases operating efficiency.

FIBERStone slurries and fibre qualities are combined for maximum resistance to corrosion while achieving cost efficiency.

Photo No. 2 - Schematic of a design of Blaster Nozzle in a kiln preheated.