

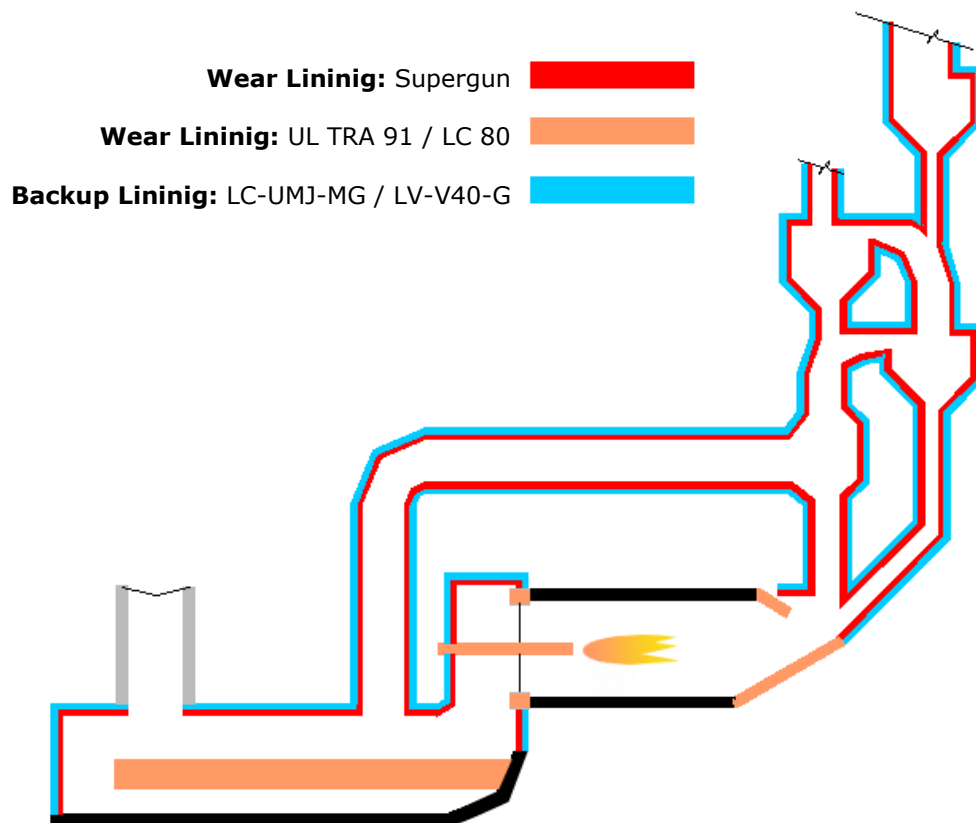
Cement Industry Refractories

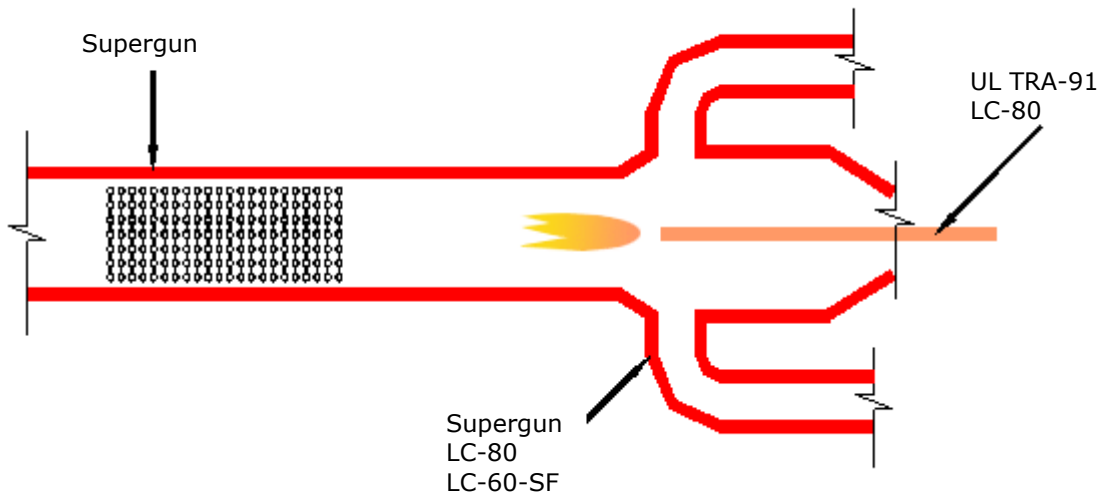


Product Description

Background

A cement plant consists of many different machines and most of them are not interested for the refractory point of view. However, the kiln, the preheating system and the cooler operate in a very high temperature range and therefore are lined with refractories. The lining protects the steel construction against heat, abrasion and chemical attack, and is a key parameter in the design and maintenance of the equipment. Our high quality materials at the proper areas, could enlarge the lining life time, shorten maintenance shut down time and save operations costs.





Low Cement Gunning – New Concept

For many years the refractory industry has been trying to solve inherited problems associated with gunite application of low cement materials. Our latest development of the "SUPERGUN" materials have solved this technical problem and introduced the Cement industry with the ideal material for maintenance repairs. The "SUPERGUN" materials has similar properties to low cement castable but can be installed with dry gunning standard machine.

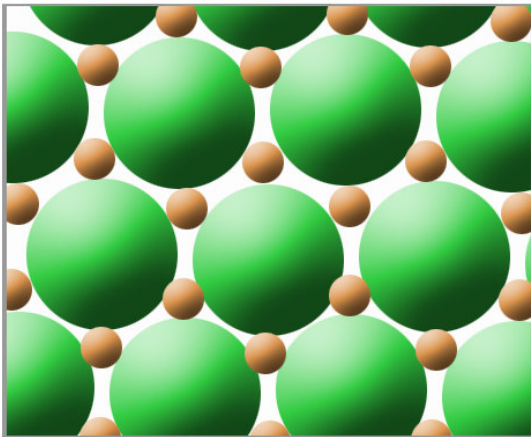
Advantages of Supergun:

- Fast Installation with standard dry gunning equipment, no need for special shape bricks or plywood molds.

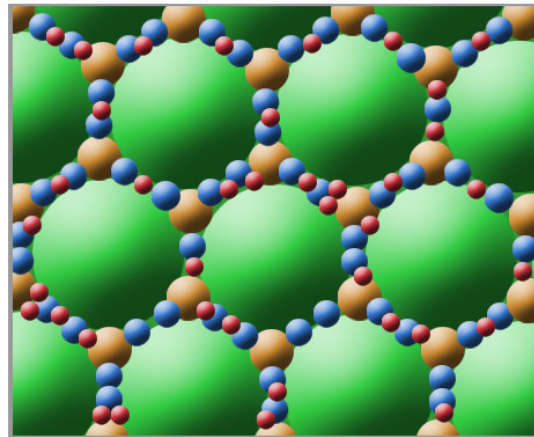


- Low porosity and compacted structure – increased resistant to alkali attack

Standard Gunning

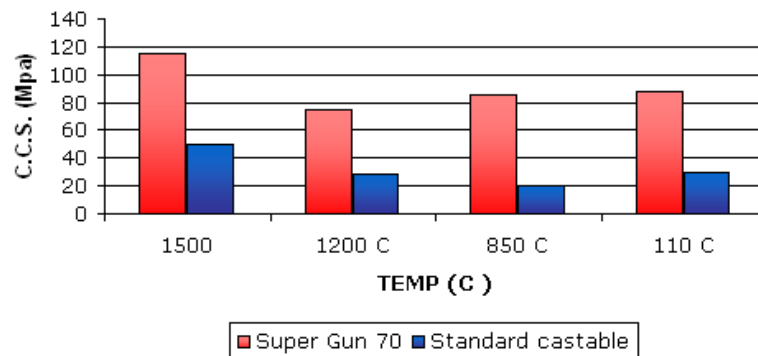


Supergun Gunning



- Very high strength at all temp range
- Increased abrasion resistance

Supergun 70 - C.C.S



Low Cement Casting Materials

Ultratab 91 Tabular alumina low cement castable, with outstanding strength, minimum porosity and linear change.

LC-80 High abrasion resistant, low cement castable with super high strength throughout its temperature range.

LC-60 SF Self leveling low cement castable for general use

LC-45 Chamotte based low cement castable

LC-UNU-MG Semi insulating gunning mix

LCV-40G Light weight insulating gunning mix

Wet line application

Description

Planetary Cooler
Elbow



Description:

Planetary Cooler
Outlet



Description:

Chain area gunning
- Supergun



Description:

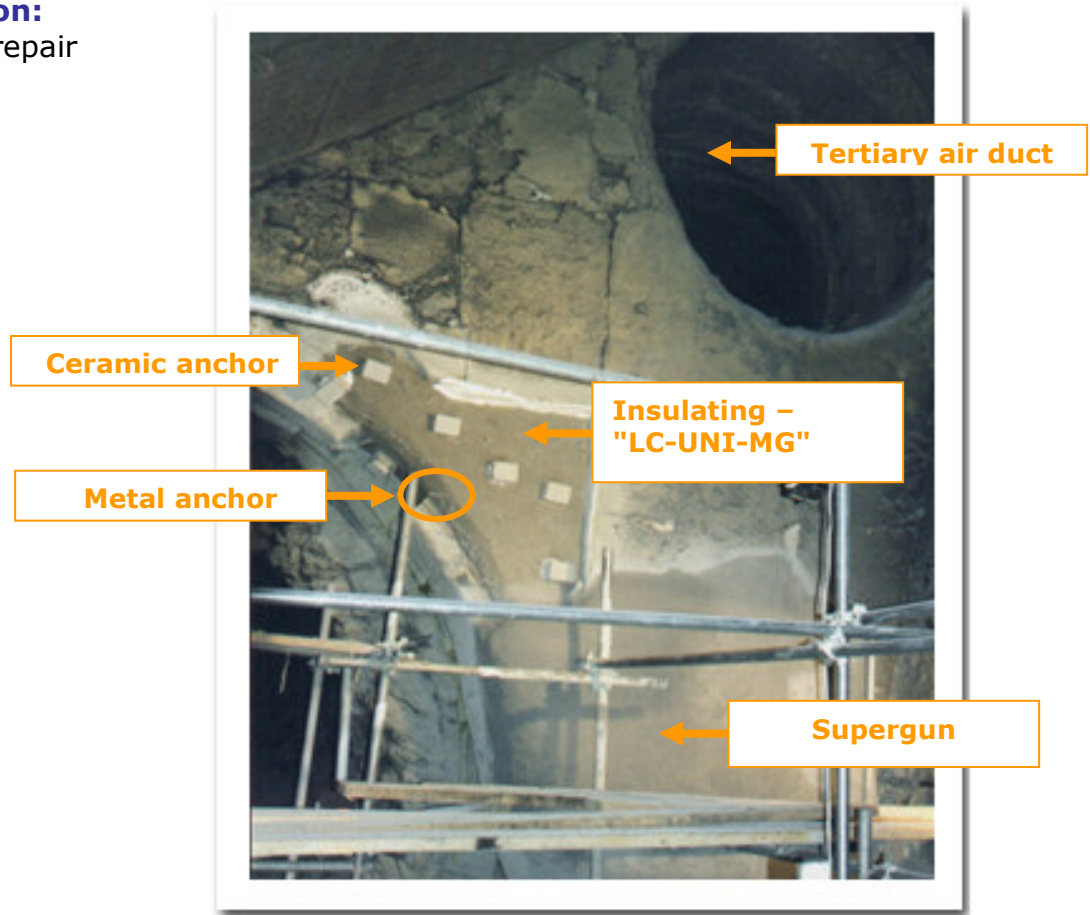
Gunning repair –
Supergun

Original lining -
LC 80



Dry line applications

Description:
Kiln hood repair



Description:
Riser duct repair

