

*alfran*<sup>®</sup>

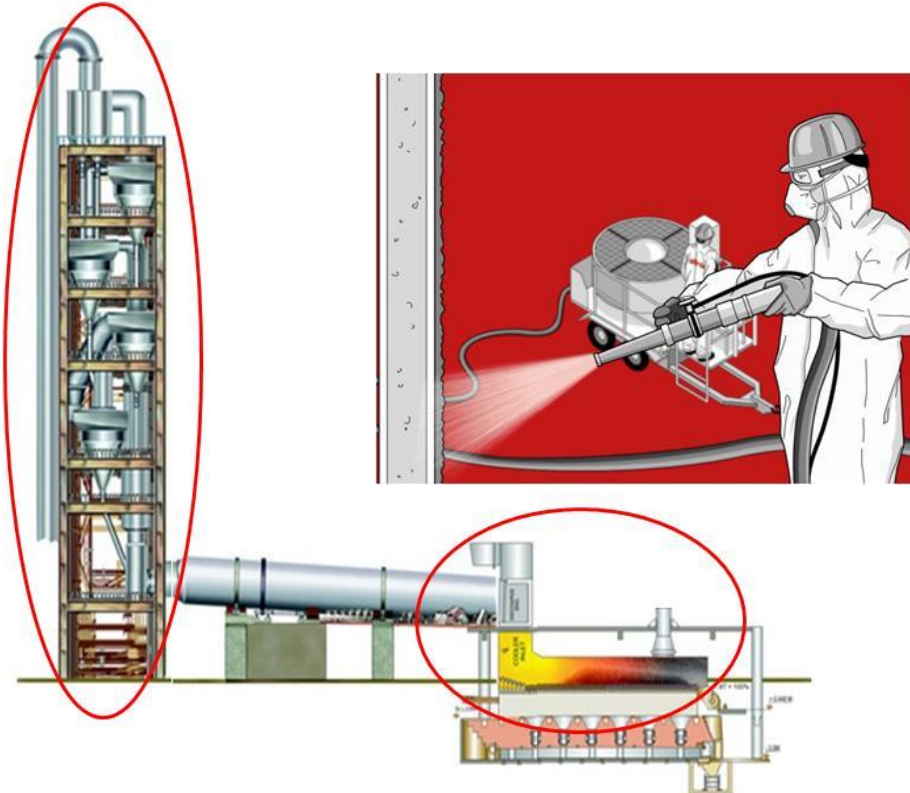
**HIGH TEMPERATURE SOLUTIONS**

**alfranjet**



**alfranjet®**

Shotcrete Technology  
for very high speed installation



✓ Patented materials and  
methods:

WORLDWIDE LEADERS AND  
REFERENTS  
IN SHOTCRETING  
APPLICATION.

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INSTALLED IN  
CEMENT  
INDUSTRY

**alfran®**

**HIGH TEMPERATURE SOLUTIONS**

- ▶ Very high levels of application performance, between 5 to 10 tm/h depending on the continuity of the jobs, so if refractory castable is bottle neck, **reduce shutdown time.**
- ▶ Application with **very low rebound** (5% average rebound in wall and 8% in roof).
- ▶ **No dust** projection, so clean working conditions, that allow other concurrent jobs closed to the projection area.
- ▶ **High adhesion**, so it can be projected on any surface, even old refractory.

- ▶ Possibility of **pumping and projecting up to 120 meters high.** The pump is placed at ground level, and it is not required to rise and store the material in different levels.
- ▶ **High values of density, hot mechanical strength, abrasion and erosion,** because are LCC or NCC.
- ▶ **High plasticity and compaction** in the projection.
- ▶ **Increased safety and cleaning conditions,** because it needs less manpower staff, in less time, and do not require molds, shuttering and vibrators.

