# SIKA AT WORK
# CALIZA CEMENTO INCA, LIMA, PERU

SikaGrind®-720 & SikaGrind®-795 PE

# CALIZA CEMENTO INCA



## COMPANY DESCRIPTION

Caliza Cemento Inca is a Peruvian company dedicated to the production and commercialization of high-quality cement to supply the local construction industry. This company is continuously trying to optimize its production processes to obtain an ecological product, satisfying the growing expectations of the market. With a plant located in Lima-Peru, the company started operation in 2007. he Cajamarquilla plant has a capacity of around 70 t/h.

## PLANT REQUIREMENT

Different cement types (Type ICo, Type HS, Type GU and Type I) are commercialized in various provinces of the country through authorized distributors, having continuously growth in their market share. This cement producer required additives to improve the cement grinding process, acting as quality improvers and trying to increase in strengths at all ages.

## SIKA SOLUTION

Under coordination of the R&D team of Caliza Cemento Inca, and as this company was the first to use these additives in Peru, several laboratory and plant trials were carried out with a wide range of quality improvers from the SikaGrind® range.

It was concluded that the product SikaGrind®-720 fulfilled the following expectations: increasing the strength in 10 to 15% (at all ages) and allowing the use of secondary cementitious materials. Additionally, the cement production rate was increased.

Sika started continuous bulk supply to the cement plant in 2014 and after few years an improved product was developed: SikaGrind®-740. This product, dosed at around 500 g/ton of cement, is a highly efficient liquid cement additive used to facilitate the grinding process and improve the quality of the final cement.

## PROJECT PARTICIPANTS

Owner:      Caliza Cemento Inca Peru
Plant:      Cajamarquilla
Supplier:   Sika Peru S.A.C.

Certified Quality System ISO 9001/EN 29001 since 1986

Certified Management System ISO 14001 since 1997

USGBC MEMBER

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