



SIKA AT WORK

HIGH-PERFORMANCE CEMENT
ADDITIVES FOR A MAJOR
CEMENT MANUFACTURER,
ARGENTINA

SikaGrind® Range

BUILDING TRUST



MAYOR CEMENT MANUFACTURER



PROJECT DESCRIPTION

A major multinational cement company, committed to environmental protection and carbon footprint reduction in its Argentine plants, decided to replace its standard cement additives with new high-performance formulations. The aim was to maximize the replacement of clinker with supplementary materials.

PROJECT REQUIREMENTS

Given the scale* and technological challenge of the project, the local Sika team collaborated closely with regional and global corporate teams to develop tailor-made cement additives for each specific case. As a result, new high-performance cement additives were successfully formulated, including a groundbreaking technology at Sika for high air content cement (SikaGrind®-723).

* treated volume of 3 million tons of cement per year with Sika additives

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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SIKA SOLUTIONS

The client required high-performance cement additives to further increase clinker replacement in blended cements and maximize the carbon footprint reduction of their products.

- The regional laboratory in LATAM was designated to test the new cement additives. Global and regional corporate staff were present to testing and optimizing the new developments.
- For each cement type, one or two cement additive formulations were selected for laboratory testing and then scaled to industrial level.
- The client chose the best performing cement additives based on strategic objectives and cost-benefit analysis.

SIKA PRODUCTS USED

- SikaGrind®-723
- SikaGrind®-779
- SikaGrind®-166 Activator
- SikaGrind®-710 Optimizer
- SikaGrind®-709 Activator

PROJECT PARTICIPANTS

Owner: Roberto Cueto
Contractor: Sika Argentina SAIC
Applicator: Sika

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