Electroland as a brand lasting value. Thanks to the confidence in the brand, placed by our customers over more than 80 years, we currently rely on our international background. The supply from Europe to customers of worldwide prestige strengthens our quality standards, service flexibility and distribution capacity, while our constant investment in R&D turns us into a benchmark in the global market, with the added value of being one of the few companies in the sector, operating as an industrial multinational group with a family base.

APPLICATIONS ELECTROLAND CEMENT

- Quick hardening - short interruption of service (24 hours).
- High abrasion resistance.
- Insulating and refractory mortars and concretes.
- Chemical and bacteriological corrosion resistance.
- Special mortars with controlled shrinkage and fast hardening.

www.cmi.cemolins.es

CE 0099 | AENOR Producto Certificado | AENOR ER Empresa Registrada

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CIMENTS MOLINS INDUSTRIAL

Version 1 - 2008

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CALCIUM ALUMINATE CEMENT

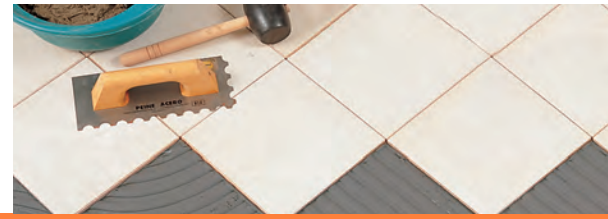
APPLICATIONS AND ADVANTAGES

IN TECHNICAL MORTARS

- Fast hardening adhesives for floor tiles.
- Flash setting pastes and grouts.
- Fast hardening mortars for urgent repairs.
- Rapid-hardening cement mortar and shrinkage compensated products.
- Self-levelling compounds for top layers an quick setting time.

ADVANTAGES

- The Portland - Electroland mixtures allows to regulate the desired setting time. Hardening time also can be controlled by the same way.
- Electroland- calcium sulphate mixtures permits to manufacture fast drying and shrinkage compensated mortars, or other products with needs volumetric control.

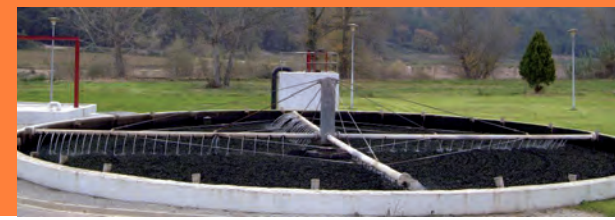


IN CASES OF CHEMICAL-BACTERIOLOGICAL CORROSION RESISTANCE

- Protection against chemical and bacteriological attacks.
- Water treatment plants and sewerage networks.
- Pavements of animal farms specially for pig slurry contacts.
- Construction in gypsum soils.
- Protection against diluted organic and inorganic acids (slaughterhouses, paper-, beer-, wine- and painting industry).

ADVANTAGES

- Important for sewerage networks, due to its high resistance to diluted acids and sulphates.
- It protects building works and piping against chemical and bacteriological agents simultaneously.
- Short interruption of service due to the quick hardening qualities.



IN URGENT APPLICATIONS

- In situ concrete for industrial paving.
- Road access to industrial parks.
- Urgent road repair and crack patch mortars.
- Airport ramps.
- Anchoring grouts with high and early mechanical strength.

ADVANTAGES

- A long-term solution even when the interruption of service has to be as short as possible.
- Perfect for repairing busy roads, bus stops and crossing areas of heavy transit.
- Open to vehicle traffic after six hours and able to support heavy lorry only after 1 day.
- Removal of the mould from precast concrete and precasted barbecues elements in only 4 hours.

IN REFRACTORY CONCRETES

- Insulating and refractory monolithic concretes.
- Assembly of refractory bricks of industrial ovens or chimneys.
- In wagons of tunnel ovens at ceramic industries.
- Steam generation plants and thermo electrical solar plants.
- Paving in refractory industries and oven air ducts.
- Gunning and shotcreting.
- Moulded barbecues and chimneys.

ADVANTAGES

- It allows to manufacture monolithic refractories at an operating temperature of up to 1400ºC.
- Light masses and insulating mortars for multiple refractory uses.

IN ABRASION APPLICATIONS

- Concretes which surface is subject to wear and tear.
- Loading and unloading docks.
- Execution of pavements resistant to mechanical impacts.
- Industrial plants with heavy lorry traffic.
- Pipes to transport abrasives solids and wastewater.
- Abrasive grindstones and abrasives crowns to polish terrazzo floors.

ADVANTAGES

- Concretes develops mechanical strength of 50 MPa in one day.
- This extraordinary hardness clearly benefits its high resistance to abrasion.
- It easily allows to obtain mortars and concretes which resist continuous wear and tear and sudden impacts.