



CEMENT ADDITIVES DIVISION

Our Products

Mapei Group

Mapei was founded in Milan in 1937 and today its 80 years of experience have made it the world's leading manufacturer of adhesives and ancillary products for the installation of all types of floor and wall coverings. The company also specialises in other chemical products for the building industry, from waterproofing products and special mortars and admixtures for concrete and cement, to products for the renovation of historic buildings. With its 81 subsidiaries and 73 plants in 54 different countries, today Mapei is to be considered the world's leading supplier of the most innovative products for the building industry.

Eco-sustainability

Mapei liquid cement additives form a system of innovative solutions for cement works; they allow a reduction of clinker while offering the same mechanical performance of cement, thus guaranteeing a reduction of 5-10% in CO₂ emissions and a saving in non-renewable raw materials.

Cement Additives Division

Founded in 2000, C-ADD (Cement Additives Divisions) has grown every year in terms of turnover and volume, thanks to innovative and high-quality products combined with technical support and dedicated Research and Development. Today, supported by the group's structure and expertise, C-ADD is supplying all major cement groups worldwide, offering new technologies and local technical assistance. By combining high quality raw materials, fully computer-based production facilities and specific expertise in terms of product chemistry, industrial employment and grinding plant technology, C-ADD is able to guarantee high levels of customer assistance and product quality.

R&D

By investing over 5% of its turnover and 12% of its Human Resources in Research and Development, the Mapei Group has become market leader in terms of innovation. The dedicated C-ADD scientists at Mapei's Research Centres not only develop new raw materials and grinding aid, but are also active in customer support. In fact, Mapei's state of the art laboratories allow C-ADD to perform specific and in-depth clinker and cement analysis in order to optimise the use of cement additives and to offer customized solutions for cement performance enhancement and production improvement.

TAG Team (Technical Assistance Group)

A team of experienced process engineers from the cement industry joined C-ADD in order to provide specific technical assistance to C-ADD customers. By performing complete plant audits and by analysing the grinding circuit's performance, they are able to assist C-ADD customers with the implementation of cement additives and to optimise the grinding process in all its aspects.



Product Group	Description	Typical Dosage	Production Increase*	Strength Increase*	Workability*	Air Entrainment*	Cr(VI) reduction*	Typical Application	CO ₂ Reduction
MA.G.A./C	Highly concentrated, high performance grinding aids, suitable for grinding of all cements.	200 - 400 g/t	•••	••				All Cements	•••
MA.G.A./M	Highly concentrated, high performance grinding aids, particularly suitable for grinding of minerals.	300 - 600 g/t	••		•			Minerals and Raw Materials	•
MA.PE./S	Grinding aids, strength improvers, specifically formulated for grinding of blended cements (pozzolanic, blast-furnace slag and fly- ash cements).	1000 - 2000 g/t	••	•••				Blended Cements	•••
MA.PE./W	Grinding aids, strengths and workability (flow) improvers, specifically formulated for grinding of blended cements (pozzolanic, blast-furnace slag and fly- ash cements).	1000 - 2000 g/t	•	••	•••			Blended Cements	•
MA.PE./A	Additives formulated for grinding of masonry cements (Air Entrainment).	400 - 800 g/t	•			•••		Masonry Cements	
MA.PE./Cr	Specific additives for Cr(VI) reduction.	50 g/t ppm					•••	All Cements	

* at typical Dosage

• Possible •• Recommended ••• Highly Recommended

Please contact us directly for specific product selection, assistance and technical documentation.



For more information:
cadd.mapei.com

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R&D

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