



Dry Mix for Construction

Solutions for
Dry Mortars
and Plasters

Science of Surface

Today, much more than in the recent past, building coatings are required to have mechanical characteristics, durability over the time and high resistance to increasingly aggressive atmospheric agents in order to respond effectively to the ongoing climate changes and to the widespread regulations in the world for energy saving.

At the same time, it is no longer possible to disregard the development of sustainable construction products to meet the medium and long-term objectives to zero the balance on greenhouse gas emissions with favorable product life cycle assessments in a circular economy perspective.

We have made our mission of these issues: to intimately link the performance aspect to that of social and environmental responsibility, by developing a unique product line based on natural sources.

This innovative approach is ingeniously applied in:

- Gypsum & Cement base dry mix
- Gypsum plasterboard and cement boards
- Ready mix solutions for wet systems since it could be used as a solution to change industrial characteristics and to achieve decorative effects as well.

For these fields of the Construction Industry, we developed the whole unique product line that consists of ESACOL®, ESA-ONE®, ESAMID, ESAPON and DEFOMEX additives, most of them composed by natural sources, such as our Guar Gum and Starch.

Plasters, skim coats, joint fillers, tile adhesives, coloured renderings, self-levelling floorings, waterproofing plasterboards and putties are the main applications where our specialties have been applied in the dry mix mortar and pasty systems with a demonstrated history of success over the last 30 years.

Dry Mix for Construction

Our widest range of sustainable natural polymer derivatives

Our chemical additives are capable of solving issues caused by heavy rain, critical freeze-thaw cycles, high humidity.

Solutions for Cement and Gypsum Base Dry Mix

For over three decades, we have been developing water retentive agents, natural thickeners, wetting & air entraining aids and antifoams for enhancing the performances of the main binders used in the construction industry, such as natural and synthetic gypsum, cement and lime.

Our ESACOL® (water retentive agents), ESA-ONE® (ready to use compounds), ESAMID (natural thickeners), ESAPON (Wetting & Air entraining aids) and DE-FOMEX (antifoams) are the results of this technological challenge, suitable for formulating modern and sustainable building coatings for today and tomorrow.

According to this long-term vision, we can supply ESACOL® product range with a bio base content up to 85% in renewable sources, without losing the mechanical properties required by the building sector.

Our cement and gypsum base dry mix additives are successfully used in hand and machine applied plaster, skim coat, joint compound and crack filler, repair and masonry mortar, tile adhesive C1 & C2 type and tile grout, self-levelling flooring, fast setting products and waterproofing membrane 1K & 2K.

Solutions for Waterproofing plasterboard and cement board

In the last decades the climate change issue has escalated by implication of heavy hurricanes specifically in atypical for the storms parts of the world.

Nowadays, we face seasons of heavy rains and long high temperature periods that stimulate long drought seasons. The areas with risk of flooding, hot and humid regions, require construction execution with protection from unforeseen weather changes.

According to this climate scenario, we give our effective contribute to the well-protected housing concept, designing a specific Esacol® product line range that enhances the performances of waterproofing agents like Alkyl Hydrogen Poly Siloxanes.

A family of hydrophobically modified ESA-COL® and waxes are as well available for reducing the water absorption of plasters submitted to heavy rain and humid conditions.

Ready Mix Solutions for Wet Systems

The increasing interest in design and construction of non-professional audiences boosted the development of ready-to-use systems for coating and treating surfaces.

This phenomenon emerged in particular because mortars, putties, glues and plasters became easier to use.

These products are usually available in pasty and require special formulations that will facilitate the process of implementation and will give good results to non-professional amateur constructors.

We have designed the ESA-ONE® product line that is particularly dedicated to the customers interested in ready to use products.

The ESA-ONE® Ready line contains in all-in-one compound all customer needs to formulate by himself the end-product, according to the fillers and mineral charges available in the local market.

The Lamberti Group

Explore, Design, Provide, Evolve.

We design and produce customized chemical solutions for different industries: not simply products or formulations, but sets of skills, capabilities, visions, developed with dedication and attention to our customers. Our science is made of experience, technology, and precision, for tailoring and delivering high performing solutions to our customers. Our ability to fit any market evolution demonstrates our capacity to be creative and innovative.

The history of our company is continually written by people's living stories.

Since 1911, our experience stems from over a century of history. From the initial affiliation

to the textile industry, we have learned the value of being part of structured eco-systems. Over time, we have invested in industrial plants and laboratories to cover all geographies. We have fostered a network of relationships, a rich wellspring of experience that gives value to our people.

We want to do better, creating a positive legacy for the future of the planet and living species.

Sustainability became a crucial challenge for Lamberti that we addressed with the subscription to international programs (RSPO and Ecovadis) as well as with the voluntary publication of the Group's Sustainability Report (2020).

Our technologies per market

	Cellulosics	Hydrocolloids	Acrylics	Waterbased polyurethanes	Oleochemicals
Agriculture	•	•	•	•	•
Personal care	•	•	•	•	•
Food and regulated industries	•	•			
Oil&gas	•	•	•		•
Mining and civil engineering	•	•	•		•
Ceramics and glassware	•		•	•	•
Surfactants					•
Wetend paper	•	•			
Drymix for construction	•	•			
Textile printing and finishing	•	•	•	•	•
Architectural paints	•	•	•	•	•
Coated and functional paper	•	•	•	•	•
Industrial coating			•	•	•
Digital inks			•	•	•
Inks ingredients			•	•	•
Leather finishing			•	•	
Synthetic materials		•	•	•	•



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