



Lamberti
ceramics

Designing
new values
in chemistry

From Science to Development

Proximity and Reliability

We design and produce customized chemical solutions for industries: not simply products or formulations but sets of skills, capabilities, visions. Our “Technological Ceramic Center” was established in 2005 in Fiorano site, as technological hub for all our ceramic activities in the heart of excellence.

The close collaborations with our Corporate R&D, with other Group’s companies deeply involved in ceramics (Spain, Brazil, Mexico, Indonesia, India, China, Russia, Poland, Turkey) enhance our capability to study and develop new products and support our customers worldwide.

Sustainability

We want to do it better, creating a positive legacy for the future of the planet. Sustainability became a crucial challenge for Lamberti that we addressed

with the subscription to international programs as well as with the voluntary publication of the Group’s Sustainability Report (2020).

Our know-how and experience serve very different and varied industries.

Tiles

Transforming ideas into solutions that allow customers to create innovative ceramic tiles.

Technical Ceramics

Proposing innovative solutions for technical ceramics, refractories and roof tile solving the challenge that these industries face on daily basis.

Whiteware

Helping whiteware producers to manufacture styled and functional items in innovative ways.

Glassware

Facilitating the process of traditional and digital glass decoration.

A Deep and Transversal View

Digital Solutions

Solutions to support digital ink on ceramic tiles

One of the main distinctive features of Lamberti activity is their transversality, that enables them to be applied in many different industrial sectors. Every single product can be developed by R&D and technological centers involving many applicative labs.

Combining the oleochemistry (surfactant), acrylic and polyurethane technologies, Lamberti has developed a new brand of polymeric dispersing agent **Fluijet®**; it's used in the grinding process to reduce viscosity and grinding time and are suitable,

either for solvent based or for water based formulations.

Printojet® series to grind organic and inorganic stains/pigments to sub micron particles size, to formulate inks to be applied by means of inkjet printing in formulation with resins or resin-free inks.

Tensiojet Surfactants for surface tension adjustments, for antifoam and levelling action, as long as the key role of anti hydro repellency.

Viscojet series are actual rheology modifiers introduced during the ink preparation step selected to be compatible with the solvent.

 **Fluijet®**

 **Printojet®**

Tailored Solutions
For a Dynamic Market

Tiles
Industry

Traditional, innovative and cutting edge solutions for body, traditional glaze and microgrits application.

Body Preparation

Our solutions ensure simple and consistent preparation and give the right rheological, physical and mechanical properties before and after the shaping processes.

Tenagreen to get, at one time, production benefit (green and dry MOR), and sustainable solutions by keeping high productivity yield and decreasing methane gas consumption.

Reotan[®] to ensure the right rheological parameters.

A wide range of well known binders and rheology modifiers as **Carbocel**[®], **Readyone**[®], **Resicel**, and **Amisolo** to ensure traditional glaze application quality.

Tensiojet B, multifunctional additives for glaze that combine binding properties and surfactant like activity.

Gritmed series permits to properly apply microgrits by the wet and dry methods; antissettling and leveling ability are the main targets obtained with **Gritmed** formulations.

Printojet^{® S} series for digital glaze implementation; having a deep knowledge in chemicals and in technical need is the key factor.

Additives for Tile Surface Quality

A complete set of additives that ensure high functional and aesthetic characteristics of surfaces.

 **Tenagreen**

 **Reotan**[®]

 **Carbocel**[®]

 **Printojet**^{® S}

Innovative Solutions
for Sanitaryware and Tableware
with Reduced Impact
on our Planet

Whiteware

To ease the production
in a sustainable and economical way
in line with the market trends.

Body Department

Reotan[®] series are Sodium and Ammonium Polyacrylate deflocculants; **Reolam** series as casting rate improver **Tenagreen WW** series developed to improve mechanical resistance after shaping and to reduce the occurrence of defects.

Glaze management

Our solutions are suitable for both traditional and state of the art applications of glazes; From standard glazes to the newest coat formulations with antibacterial and antiviral

performances.

Carbocel[®] and **Tixolam** are well known and reputed Binders and Rheology modifiers; **Carbosan** are the preservative agents.

Special products

We develop formulations for peculiar requirements in various steps of production to achieve results that meet the highest quality, cost effectiveness and environmental requirements **Demolam** demoulding agent for plaster molds; **Ecofix New** medium for decals; **Ecolighter** – highlighters for inspection.

 Tenagreen WW  Tixolam

 Reotan[®]



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