

TILES

The Chemistry Behind
Every Ceramic Surface.

Chemical solutions
supporting every stage of
ceramic tile manufacturing.

Lamberti

ceramics

Every ceramic surface begins long before decoration.

OUR APPROACH

Every stage of production influences the final result—from body preparation to glazing and decoration. Stability, rheology, adhesion and application performance all contribute to consistent quality and manufacturing efficiency.

For more than fifty years, Lamberti has developed chemical solutions supporting every phase of ceramic production, combining proven technologies with tailor-made formulations designed around real manufacturing needs.



SOLUTIONS THROUGH THE PROCESS



01 | BODY PREPARATION

Body Deflocculants

REOTAN®

Tailor-made deflocculation solutions for ceramic body slips.

- **REOTAN® FLUX**
Customized blends of selected dispersant polymers.
- **REOTAN® HS**
Liquid sodium polyacrylate for highly plastic body slips.
- **REOTAN® L**
Liquid sodium polyacrylate for highly plastic body slips.

Body binders / Plasticizers

TENAGREEN®

Mechanical strength with process efficiency.

- **TENAGREEN® FL**
Polymers blend for grinding process
- **TENAGREEN® N**
Binder and plasticizer for higher green and dry strength.
- **TENAGREEN® P**
Powder binder for improved mechanical strength.
- **TENAGREEN® S**
Binder and plasticizer especially suitable for superwhite slabs.

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02 | GLAZING & DECORATION

Dispersant/Deflocculant

REOTAN®

It is our well-established polyacrylic derivative, suitable for multiple applications and part of our ceramic portfolio since 1972.

Printing Medium

**INKOIL
TINTOIL
SEROIL
LAMOVIL**

Families of medium for traditional printing, suitable for all standard ceramic decoration applications.

Medium for ceramic Grits

GRITMED

Anti-settling and levelling medium developed for wet and dry application of ceramic grits on tiles.

- **GRITMED (Liquid)**
Ready-to-use liquid medium for wet application of ceramic grits.
- **GRITMED PWD**
Powder medium for low-dosage applications.
- **GRITMED SC**
Liquid medium superconcentrated for a reduced dosage similar to a medium in powder form like Gritmed PWD.

Powder binders

**CARBOCEL®
READYONE®
LAMCOL**

Complete range of binders, thickeners and rheology modifiers for a wide variety of ceramic applications.

Liquid binders

**AMISOLO®
RESICEL**

Advanced liquid binders improving glaze adhesion for ceramic body compatibility.

Surfactants

**TENSIOJET
TENSIO L**

Surface tension regulators for glazing and Inkjet decoration.



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03 | SPECIAL PRODUCTS



CARBOSAN®

Biocides

Protection for water-based ceramic slips.

Developed to preserve ceramic formulations while complying with increasingly stringent regulatory requirement



NEOPRINT®

Temporary Colour Markers

Visible during production.
Invisible after firing.

A simple way to improve process control.



SOSPENSIL® & VISCOLAM®

Rheology Modifiers

Tailor-made rheology control for a wide range of ceramic applications, ensuring stability, consistency and application performance.

From body preparation to final decoration, every formulation is designed to improve process stability, production efficiency and ceramic quality



Detailed technical data sheets for all the products
Featured in this brochure are available at

ceramics.lamberti.com

For additional information, please contact our team directly

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