



Your **inspirational**
component



IQOXE Emulsion Polymers



Paints and coatings

- Interior and exterior decorative paints
- Gloss, satin and matt paints
- Plasters and waterproofing products
- Primers



Construction

- Elastic sealants
- Flexible membranes
- Printed flooring
- Flexible mortars



Adhesives

- Film to print lamination (FPL)
- Water resistant wood glues, class D3 resistance, in accordance with the DIN EN 204 standard
- Paper, cardboard and packaging
- Adhesives for woodworking, construction and flooring



IQOXE Emulsion Polymers has a laboratory for:

- Development of new products
- Improvement or modification of existing products
- Technical support for customers



Other

- Dust control
- Consolidation of grounds and rural roads

Our Technical Customer Services Department has the necessary equipment to ensure the correct use of our products.

We believe that the cornerstone of our success is built on collaboration with our customers.

Our technical team provides tailored solutions that enhance the performance of products formulated with IQ LIT emulsion.

1st Line built
by HOECHST

1977

2nd Conventional
Expansion

1991

1976

1st Conventional
Expansion

1983

3rd Conventional
Expansion

A young company with sound experience in the manufacture of polymer emulsions.

Our production plant in Tarragona (Spain) was originally built in 1976 by Hoechst, the German Chemical Company. After its spin-off, in 1997 Clariant acquired ownership of the production center and ran the business for 6 years until Celanese took over the management of the polymer emulsion division in 2003. In December 2015, IQOXE acquired an atmospheric emulsion production center, along with a technology licensing agreement for the production of acrylic dispersions, styrene acrylic copolymers, polyvinyl acetate and vinyl ester polymers.

The activities of IQOXE Emulsion Polymers fall within the framework of the 7 Guiding Principles set out in our Integrated Management System Policy, based on reference standards for quality (ISO 9001), safety (OHSAS 18001) and the environment (ISO 14001), as well as the Responsible Care® International Program.



IQOXE incorporates the **Responsible Care®** International Program's commitment to continuous improvement in its management processes in:

- Occupational Safety
- Customer Satisfaction
- Environment
- Process Safety



RESPONSIBLE CARE®

CLARIANT

2003

IQOXE

1997

CELANESE

2015

Product Range

Adhesives

PRODUCT	FAMILY	SOLIDS%	MFFT °C	TG °C	pH	VISC. MPAS
IQ LIT 130	V-Homo	50	4	26	3,2	15.000
IQ LIT 150	V-Homo	50	14	42	4,5	35.000
IQ LIT 160	V-Homo	60	13	41	4,5	30.000
IQ LIT 190	V-Homo	50	15	32	4,5	< 1.000
IQ LIT 350	V-Copo	56	3	18	4	13.000
IQ LIT 750	A	55	0	-20	7,5	1.350

Paints and Coatings

IQ LIT 200	V-Ester	53	14	29	4,5	1.500
IQ LIT 210	V-Ester	50	8	15	4,3	12.000
IQ LIT 240	V-Ester	55	12	25	5	5.500
IQ LIT 290	V-Ester	50	4	19	4,5	6.000
IQ LIT 615	A/S	48	17	17	8,5	5.000
IQ LIT 640	A/S	50	18	19	8,5	2.000
IQ LIT 650	A/S	50	18	19	8,5	5.000
IQ LIT 670	A/S	50	0	-5	8,5	7.000
IQ LIT 675	A/S	50	0	-5	8,5	7.000
IQ LIT 720	A	50	13	20	7,5	2.500

Construction

IQLIT 600	A/S	50	17	19	8	7.500
IQLIT 690	A/S	50	18	20	8	<500

V-HOMO: Polyvinyl acetate

V-COPO: Polyvinyl acetate copolymer

A: Acrylic

APPLICATION PROPERTIES

APPLICATION	PROPERTIES
Ready to use glue for wood. Water resistant, class D3 according to DIN EN 204 standard (D4 with polyisocyanate).	High resistance to temperature, fast setting. Low discoloration of tannins.
Formulation of D1-type water based glue for wood, paper / cardboard, packaging and flooring.	High viscosity and resistance to temperature. Excellent rheological stability to shear stress.
Formulation of D1-type water based glue for paper / cardboard, wood and floors.	High solids content, fast setting, quick drying. Broad compatibility with plasticizers.
Preparation of textile finishing and formulation of adhesives for paper.	Low viscosity dispersion and very stable to shearing.
Formulation of adhesives for paper, flooring, walls and ceilings. Can also be used in adhesives for laminating plastic.	Provides good adherence on diverse plastic materials, including PVC laminates, PU foam and polystyrene.
Formulation of Adhesives for laminating film (FPL).	Provides good resistance to cracking, neutral to colors. Offers excellent adherence and lamination force.

APPLICATION PROPERTIES

Formulation of interior and exterior matt coalescent paint.	Good scrub resistance and color stability.
Formulation of textured coatings and plaster paint. Interior and exterior paint.	Characteristic rheological behavior.
Formulation of satin interior and exterior paint with coalescent.	High gloss value in satin formulas, good scrub resistance and opacity.
Formulation of satin interior and exterior paint, textured coatings.	The emulsion contains a coalescent agent that helps to reduce the MFFT. Good level of gloss and scrub resistance.
Manufacture of primers and paints that prevent the formation of wood stains.	Excellent barrier properties against stubborn stains, such as tannins, grease or smoke, to protect the coating from potential discoloration.
Formulation of interior and exterior decorative paints.	APEO and formaldehyde free. Excellent resistance to water and alkalis.
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Manufacture of elastic waterproofing coatings.	High flexibility and water resistance.
Manufacture of elastic waterproofing coatings.	High adherence, flexibility and water resistance.
Manufacture of exterior decorative paint, plaster and primers.	High resistance to water and alkalis. Resistant to weather conditions, UV rays and weathering agents.

APPLICATION PROPERTIES

Manufacture of interior paint, plaster, fillers, roof coating, tile adhesive and textured coatings.	Compatible with cement. Provides high resistance to water and alkalis.
Manufacture of printed flooring, grout and mortar.	Compatible with cement. Provides high resistance to water and alkalis.

Cristian Lay Industrial Group

IQOXE Emulsion Polymers forms part of the **Cristian Lay (CL) Industrial Group**; a group of companies with 100% Spanish capital. The origin of the CL Industrial Group was dates back to 1981, in Cristian Lay, a company dedicated to the design and production of jewelry, costume jewelry and accessories. Today, the CL Industrial Group employs over 1,200 professionals and has a turnover of around 500 million euros annually, with operations in over 26 countries.

The CL Industrial Group is active in sectors including:

Industrial: Perseida, Ondupack, Plastiverd, IQOXE

Energy : Gas Extremadura, Alter Enersun

Retail: Cristian Lay



Headquarters in Jerez de los Caballeros, Badajoz

IQOXE Ethylene Oxide

The production plant is located in the Canonja Chemical Park (Tarragona), where it manufactures Ethylene Oxide, Glycols and ethylene oxide and propylene oxide derivatives, such as ethoxylated alcohols.





Emulsion production
plant in La Canonja



Autovia Tarragona-Salou, km 3,8
43110 La Canonja (Tarragona)
T +34. 934 017 569 | M +34. 629 729 978
www.iqoxe-emulsiones.com

