



Live at apex with **LAPEX!**

With the global brands we have created, we are improving our human resources, production technology and logistics investments to meet the developing market needs.

We run our chemistry and developed great molding and repairing products.

About Us

We established our Lapex company in Izmir in 2002 in order to develop innovative industrial products. Our main philosophy is to be a reliable and worldwide leading company with our featured products. We are proud to have achieved our goal today in polishing tools and industrial chemicals.

Our strength comes from our ability to develop products tailored to the needs of each of our customers. This strength has been created thanks to the creativity and dedication of all our team members, as well as our quality products.

With the global brands we have created, we are improving our human resources, production technology and logistics investments to meet the developing market needs.

Our main product portfolio;

- Mold chemicals and final product Repair Resins for the production of Sanitaryware and Tableware.
- Resin Bonded Diamond Polishing Tools for Ceramic, Porcelain and Quartz surfaces
- Ink-Jet inks for cardboard packaging
- Ceramic tile quality separation inks and chalks





LX - MOLD

Gel-Coat

LX-Mold Gelcoats are thixotropic fluid two component epoxy systems. With its superior thixotropic properties it can be easily mixed and easily applied by brushing. The systems ensure bright, smooth, rigid, excellent mechanical surfaces. The rigid surface is easily polishable by hand. Depending on applied hardener type required curing and sanding properties can be achieved.

Resin	Hardener	Mix ratio (w/w)	Pot life (200 g 22 °C) min	Color	Specifications
GC180	GH180-12F GH180-12N GH180-12S	100 : 12	15 20 40	White and Green	Well thixotropic resin and hardener. Styrene resistance can be used for porous acrylic resin for pressure casting.
	GH180-15		20		With the same properties of other hardeners additionally this hardener has well-sanding resistance.



Laminating Paste

LX-Mold Laminating Paste is fiber reinforced epoxy based product with light weight, high strength properties suitable to use in mold making, models and tooling aid.

LX-Mold Laminating Paste is easy to mix and curing at room temperature. The system can be adapted to different pot lives according to the selected hardener.

Resin	Hardener	Mix ratio (w/w)	Pot life (200 g 22 °C) min	Density	Color	specifications
LP-430	LH 430-12N LH 430-12S	100 : 12	60 150	0,76	Green	Grey-colored fiber paste. Mix by kneading. Applied by hand. Strong and solid after curing. Lightweight and high strength, cured at room temperature.
LP-432						Grey-colored fiber paste. Mix by kneading. Applied by hand. Strong and solid after curing. Lightweight and high strength, cured at room temperature. More Sag-resistance. Easy to apply.
LP-435						Grey-colored fiber paste. Mix by kneading. Applied by hand. Strong and solid after curing. Lightweight and high strength, cured at room temperature. More Sag-resistance than the other laminating pastes.

Casting Resin

Non-filled, solvent free two component epoxy system. With its special low viscosity formulation it ensures excellent wetting properties.

Suitable to mix any kind of filler materials. With its low odor it allows comfortable working conditions. It shows high dimensional stability and compressive strength after curing.

Resin	Hardener	Mix Ratio	Pot life (200 g 22 °C) min	Color	Properties
CR-139	CH 139-25F	100 : 25	25	Amber	easy mixing, very good wetting ability, mixed with sand fillers 10-12 times, high gloss, good sanding, curing at room temperature.
	CH 139-25N		60		
	CH 139-25S		150		

Different pot lives can be achieved by using different hardeners

- Room temperature curing
- Easy application by hand
- Good wetting properties for filling
- Jigs and fixtures



Release Agents

LX-Mold Release Agents covers wide range of products both solvent based and solvent-free. Right release agents ensure separating safe and residue-free from molds.

The choice should be made according to the content of the product surface and highly according to the casting material properties.

Product	Specifications	Application Method	Base
RA-951	Used over model mold to release gel coats and PU elastomers. Solvent based, leaves non-polishable oily film layer.	Brush or Sponge	Solvent
RA-981	Used over model mold to release gel coats and PU elastomers. Solvent based, leaves smooth dry polishable film layer.	Brush or Sponge	Solvent
RA-988	Specially formulated for molding of pressure casting resin, for porous acrylic resin. It is also suitable to use over model mold to release gel coats and PU elastomers. Solvent based, leaves smooth and soft film layer. Can be mild polishable.	Brush or Sponge	Solvent
RA-984	Used over model mold to release gel coats and PU elastomers. Solvent based, leaves smooth oily and soft film layer.	Brush or Sponge	Solvent
Lubrolene EB Spray	It has extremely high releasing and lubricant properties which is widely used for demoulding elastomers, thermoplastic and thermosetting resins. It is suitable for any kind of molds (metal, resin, wood, etc.)	Spray	Solvent
RA-380	Special for dot-mounting application.	Brush or Sponge	Oil
RA-590	To apply over Elastomer PU mold surface by sponge for sanitaryware gypsum working mold production. Used by mixing up to 3 times water.	Brush, Sponge, Spray	Silicone emulsion
RA-407	To apply over Elastomer PU mold surface for gypsum working mold production. Used by mixing up to 2-3 times water for vertical, for more horizontal easy surfaces even 5 times water can be added.	Brush, Sponge, Spray	Water
RA-668	To apply over Elastomer PU mold surface for gypsum working mold production. Used by mixing up to 2-3 times water for vertical, for more horizontal easy surfaces even higher water can be added.	Brush, Sponge, Spray	Water

PU Elastomer

LX-Mold PU Elastomers are pourable, elastic, solvent-free two component syntetic polyurethane resin system. The system has high tensile strength, with very good shrinkage and moisture resistant.

LX-Mold PU Elastomer 45 and 55 ShoreA are used to reproduce the major moulds, in other words they are used to copy a mold form from stone, plaster, etc.

LX-Mold PU elastomer is lightweight and this property ensures applying with less product.

Resin	Hardener	Mixing Ratio (w/w)	Pot life (200 g 22 °C) min	Hardness at full cure (7 days 25°C)	Color	Properties
A100	B100 45 ShoreA	100:100	20	45 ShoreA	Beige	Easy mixing, good flow and easy molding, curing at room temperature, good moisture resistant.
A100	B100 55 ShoreA	100:100	20	55 ShoreA	Beige	Easy mixing, good flow and easy molding, curing at room temperature, good moisture resistant.

Auxiliaries

Cleaners

Product	Specifications
Cleaning Solution CS-750	SAFE High flash point cleaning solution aspecially developed for gravure printing factories. The application can be done with a cloth or brush. It has very good solvency power, it provides cleaning of gravure cylinder surfaces and tools.
Cleaning Solution CS-500	Liquid, non-volatile, non-flammable. It is used aspecially to clean non-cured epoxy and pu polymers from metal tools and brushes.
Cleanin Solution CS-110	Water based cleaner for Ink-Jet containers and 7 dots print heads.

Primers

Product	Specifications
Primer Gelcoat PR-100	To enhance adhesion of Gelcoat over PU Elastomer. Should be applied by brush as a thin layer over PU Elastomer. After 30 minutes Epoxy Gelcoat can be applied by brush. It enhances adhesion of Gelcoat over PU Elastomer.
Primer Polyurethane PR-912	To enhance adhesion of PU Elastomer over Gelcoat. Should be applied by brush as a thin layer over Gelcoat. After 30 minutes PU Elastomer can be casted. It enhances adhesion of PU Elastomer over Gelcoat.

Decalfixer

Product	Specifications
Decal Fixer DF-120	Enables to fix decals of logo, bar code, etc. processing on raw glazes.

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LX - REPAIR

Repair Resin

LX - Repair Resin Series are solvent-free two component epoxy system with different colors and various fluidity according to needs. The system ensures the repair of damaged finished products (such as cracks or fractures) and gains extra strength to the body.

The choice of color or viscosity should be chosen according to the applied surface.

The chosen resin and hardener combination different viscosity, pot-life, color, and surface properties can be achieved.



Repair Resin



Resin	Hardener	Mix Ratio (w/w)	Pot life (200 g, 22°C) min	Color	Properties
RR-100 Series	Various viscosity and curing times	100 : 15VF 100 : 20 VF 100 : 18F 100 : 18N 100 : 18S	6-8 8-12 12-16 18-22 20-26	White	White pourable casting epoxy repair resins with filler having various viscosity and curing times.
RR-200 series	Various viscosity and curing times	100:70	Various pot lives and curing times	Various body colors(matt)	RR-200 series are designed as a matt series. All white and body colors are available as matt.
RR-400 series	Various viscosity and curing times	100 : 70	Various pot lives and curing times	Various body colors (semi- glossy)	RR-400 series are designed as a semi-glossy series. All white and body colors are available. Medium viscosity resins, various viscosity hardener.
RR-600 series	Various viscosity and curing times	100 : 100 100 : 60 100 : 30	Various pot lives and curing times	Various body colors	RR-600 series are designed as a glossy series. All body colors are available. It consist of various viscosity resins and hardeners.
RR-900 series	Various viscosity and curing times	100:100 100:75 100:50	Various pot lives and curing times	Various glaze colors	RR-900 series are designed as glossy and matt series. All glaze colors are available. It consist of various viscosity resins and hardeners.
Putty series	PH 250-75	100 : 75 (w/w) 1 : 1 (v/v)	5	Gray or white	It is mixed easily applied by hand kneading at 100: 75 by weight and 1 : 1 by volume.
RR-174	RH174-25	100:25	5	Light Cream	It is easy to mix. It cures at room temperature. After curing it reaches high loading strength. Good interlayer adhesion. Low odor, expanding system.

Reinforcement Resin

These are epoxy-based repair resins with a cream color high strength suitable for using in repair of various part products. After curing, a porous similar to the bone structure is formed.

By expanding fills gaps and gives strength to the product to ensure loading test requirements. At the mean time it covers inner cracks and by that way prevents leakage problems.

This product range are expanded epoxy systems. The increment of the expanding volume is about application surface area, applied temperature and quantity.

Resin	Hardener	Mix ratio (w/w)	Pot life (200 g 22 °C) min	Color	Specifications
RR-174	RH174-25	100:25	5	Light Cream	It is easy to mix. It cures at room temperature. After curing it reaches high loading strength. Good interlayer adhesion. Low odour, expanding system.
RR-177					It is easy to mix. It cures at room temperature. After curing it reaches high loading strength. Good interlayer adhesion. Low odour, expanding system. More thixotropic and swelling less than RR-174.



CeraBOND

CeraBOND

CeraBOND Mold Support Shell Resin. It is a two-component epoxy material specially designed to support elastic molds and to provide an ideal molding process. It can also be used as a repair material because of its very good adhesion properties. After curing, its tensile strength and mechanical strength properties are high.

Resin	Hardener	Mixing Ratio (w/w)	Pot life (200 g 22 °C) min	Density (g/ml)	color	Properties
CB-108	CH108-10	100 : 10	5		Beige	Special formula suitable for application on vertical surfaces. It can be easily applied with a brush.
CB-551	CH551-50	100 : 50			Green and Black	Thanks to the fiber filling it contain, it provides extra mechanical strength after curing. It is applied with a spatula. It is lightweight and does not flow on vertical surfaces.



ADHESIVES

InterBOND 910

InterBond 910 series are two-component thixotropic fluid system. With its specially designed formula it provides good casting and levelling properties with strong adhesion and strength after curing. Thanks to its superior thixotropic properties, it is very easy to mix and apply.

Different pot lives can be achieved by using different hardeners.

Resin	Hardener	Mixing Ratio (w/w)	Pot life (200 g 22 °C) min	Color	Properties
IB-910	IH910-16	100 : 16	5	Brown	Thixotropic resin and hardener. Special formula that easily discards air bubbles. It provides good strength thanks to the fiber it contains.
	IH910-30	100 : 30	10		
IB-911	IH911-16	100 : 16	5	Gray	Thixotropic resin and hardener. Special formula that easily discards air bubbles. It provides good strength thanks to the fiber it contains. Recommended for products that want more levelling.
	IH911-30	100 : 30	10		

InterBOND 950

InterBond 950 series are two-component thixotropic fluid system. It provides good levelling, strong adhesion, and strength with its specially designed formula. Thanks to its superior thixotropic properties, it is very easy to mix and apply. It provides good adhesion between filter paper and metal container at car fuel filters and gives long-lasting quality oil, diesel oil, etc. It is resistant to chemicals.

Resin	Hardener	Mixing Ratio (w/w)	Pot life (200 g 22 °C) min	Color	Properties
IB-950	IH950-50	100 : 50	20 - 30	Black	Thixotropic resin and hardener. Special formula that easily discards air bubbles. Diesel etc. It is resistant to chemicals. It provides good adhesion.

The background of the page features four vertical neon tubes. From left to right, they are blue, cyan, green, and yellow. Each tube has a soft, glowing aura around it, creating a vibrant, modern aesthetic.

INKS & CHALKS

Quality Separation Markers

FLORESCENT MARKER INKS AND CHALKS FOR SORTING LINE

Product	Specifications	Color
CB-100 HOT CeraBLUE	UP TO 150 °C High temperature resistant transparent non drying marker inks. NEW – only by LAPEX	Transparent
CB-230 CeraBLUE	Invisible transparent marker inks	Transparent
CD-700 CeraDISAPPEAR	Yellow when applied and turns to invisible transparent marker inks after packed. NEW – only by LAPEX	Yellow to Transparent
CC-800 CeraCOLOR	Yellow marker inks	Yellow Florescent
CC-805 CeraCOLOR	Intense yellow marker inks	Yellow Florescent
CC-850 HOT CeraCOLOR	UP TO 150 °C. High temperature resistant yellow non drying marker inks. NEW – only by LAPEX	Yellow Florescent
Florescent Chalk CeraCHALK	Intense yellow and transparent thin marker chalks	Yellow and Transparent Florescent
Florescent Chalk Jumbo CeraCHALK JUMBO	Intense yellow and transparent Jumbo big shape marker chalks. NEW – only by LAPEX	Yellow and Trasparent Florescent

InkJet Inks & Other Colorants

SPECIALTY INKS

Product	specifications	Color
CC-600 CeraCOLOR	To color lightly colored rotocolor inks and glaze there is red color ink also available. To mark sanitaryware items bodies during production.	Red

INK-JET INKS

Product	specifications	Color
IJ-500 BLACK INK-JET INK	Water based black cartoon packaging inkjet inks	Black
IJ-510 BLACK INK-JET INK	Water-based black inkjet inks for cartoon packaging. Provides fast drying.	Black
CS-110 Cleaning Solution	Water based cleaner for Ink-Jet containers and 7 dots print heads.	Pink



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