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LWE
LECHSYS WOOD EXTENSIVE

IVE for Trade: from distributor to manufacturer

with LWE

LWE LECHSYS WOOD EXTENSIVE is the IVE tintometric system for the creation of Italian styled colours for the Interior Design & Habitat sector.

Furniture manufacturers, design studios, painters, interior designers and architects: the desire for colours and effects is increasingly important.

IVE has developed a tool that allows you to satisfy this desire: **LWE Lechsys Wood Extensive**, a tintometric system for creating solid coloured and effect finishes for furniture and Habitat components.

IVE finishes can be made *just in time* in the most important international colour selections and collections and in the most widespread colours used by the furniture market, but above all in the original solid and effect colour proposals of the *Color Design* project.

The distributor becomes a producer thanks to a complete and reliable instrumental equipment that allows to develop, manage and monitor all production stages, while keeping products, prices and relevant information under control and reducing production times to a minimum in full compliance with regulations in force.

What can be painted ?

The IVE finishes obtainable with LWE are suitable for painting all materials used in the sector: *wood, glass, composite materials and metal alloys*, and are integrated into the main IVE painting processes for furniture such as kitchens, **living rooms, bedrooms and bathrooms.**

The high-quality and long-lasting solutions enhance the products on which they are used and can be adopted in all painting processes, thus improving production efficiency; the products are environmentally friendly and meet the highest performance standards used in the sector.

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In what colours?

The LWE system does not set chromatic limits.
It is possible to reproduce thousands of colours and effects of the most important international standards of the sector, of the IVE and Color Design proposals or to accurately and punctually formulate any colour by a specimen.

The quality of the finishes achievable by the system meets the **highest quality standards in terms of resistance, reliability and colour reproducibility over time**.

With the IVE products from the LWE system it is possible to create the colours of the international standard colour fans:
• NCS
• RAL
• BRITISH STANDARD

and the Lechler colour proposals:
• COLOR TREND HABITAT II
• COLORE DEL MOBILE
• MASTER CHROMA ADVANCE
• CUBE EFFECTS
• ARCHITECTURAL
• ARCHITECTURAL **+**
• SYNERGIA
• HABITAT BUILDING
• COLOR FOR A NEW LIFE

For over 10,000 pastel color references, metallic and pearly to which you can add... all colors customized

is the Lechler concept that links the development of chemistry with the evolution of the language of colour.

Lechler's Color Design project, in collaboration with Francesca Valan, industrial designer specialised in colour design, provides indications, suggestions and technical information that facilitate the selection of colours and finishes.

The "the Way of…" series focuses on contemporary colour paths outlined through the reinterpretation of the individual Color Design projects and the search for unprecedented thematic connections.

Lechler since 1858

The culture of colour for your life

We have been promoting the culture of colour for over a century, we know its language and neologisms, we study trends and future scenarios, but above all we have the technology to make it come true.

Finally, the 'colour idea' becomes a decisive element in the design of a space, an environment or an object.

…and we don't stop colouring the world.

Constant support in all steps of colour creation

LWE is a tinting system made up of **Tinters** and pre-dosed **Binders (resins)**.

Through the supplied equipment it is possible to manage all the production *steps from the choice of colour to the packaged product*. The finished product will be available in original IVE packages customised with labels showing correct technical, safety and packaging information.

A rapid, rational and effective production process that minimises times and waste. The production equipment that allows you to respond *just in time* to market demands is made up of:

- Manual **tinting equipment**
- **Automatic dosing machine** with high productivity and efficiency (less than 2 minutes each can)
- 7 and 35kg **electronic scales**
- **Gyro-mixer**
- **Work station**
- **Spectrophotometre**
- **Lechler Color reader** (electronic colour selector)
- **Lechler MAP®**, the software to develop, manage and monitor all production stages by keeping products, prices and relevant information under control:
  - creation of s**tandard and personal formulas**
  - management of **prices and sales conditions** of finished or ready-for-use products
  - **print of labels** of the finished product with commercial, technical and safety information in full compliance with law.
  - management of the **production batches – print of technical and safety data sheets – creation of production folders** by customer, product and sector
  - **management of product stocks**

Spectrophotometre   Scale   Mixer   Software Lechler MAP4® LWE
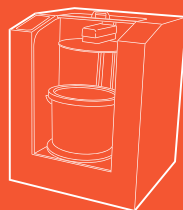
Lechler Color Reader

Tinting machine / Automatic Dispenser
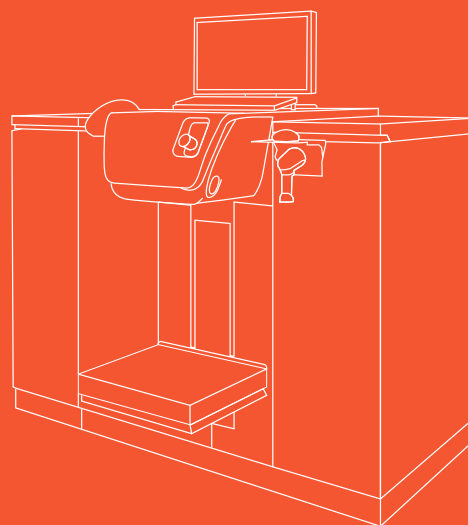
Prices and discounts

Labels

Technical and safety data sheets

Production batches

6 843984 84398 9

Production folders

Product stocks

Finished product

ECOPAC

500

RAPIDUR

MAXOPAL

LUCIPOL

ACRYLACK

ACRYSOFT

ACRYLACK PLUS

ACRYLUX

ACRYLACK EFFECT 10/40

VETRIVE

VETRIVE EFFECT

STEEL IVE

LWE LECHSYS WOOD EXTENSIVE

LWE SOLID COLOURS

TINTERS

	B29000	INTENSE WHITE
	29007	ULTRA YELLOW
	29010	LIGHT COLD YELLOW
	29013	OXIDE YELLOW
	29015	LIGHT WARM YELLOW
	29018	SUPER YELLOW
	29024	DEEP ORANGE
	29025	LIGHT ORANGE
	29031	LIGHT OXIDE RED
	29038	DARK OXIDE RED
	29048	BRIGHT RED
	29049	CARMINE RED
	29054	AMARANTH
	29059	VIOLET
	29062	COBALT BLUE
	29068	PHTALIC BLUE
	29072	PHTALIC GREEN
	29081	INTENSE BLACK
	29085	COLD BLACK
	29088	MIX BASE

LWE PUR

	29093	SILVER MET.
	29094	HI-LIGHT SILVER MET.
	29097	COARSE SILVER MET.
	29098	MAGNUM SILVER MET.

LWE PUR EFFECT

	29602	STRONG WHITE*
	29608	RAY YELLOW
	29610	BRILLIANT COLD YELLOW
	29613	PALE OXIDE YELLOW
	29615	BRILLIANT WARM YELLOW
	29617	GOLDEN YELLOW
	29624	VIVID ORANGE*
	29625	RAY ORANGE
	29633	OXIDE RED
	29645	VIVID RED
	29649	SOLID CARMINE*
	29652	SOLID AMARANTH*
	29658	SOLID VIOLET*
	29663	COLD BLUE
	29668	LIGHT BLUE*
	29672	EMERALD GREEN*
	29681	DEEP BLACK*
	29684	BLUE BLACK
	29999	MIX AGENT

LWE ACR

CONVERTERS

POLYURETHANE

- ECOPAC
- 500
- RAPIDUR
- MAXOPAL
- LUCIPOL

ACRYLIC

- ACRYLACK
- ACRYSOFT
- ACRYLACK PLUS
- ACRYLUX
- VETRIVE

* Tinters also for effect colours.

LWE EFFECT COLOURS

TINTE BASE

	29607	GOLDEN YELLOW
	29614	TRANSPARENT SOLID YELLOW
	29621	ORANGE YELLOW
	29636	COPPER RED
	29640	RED
	29643	RUBY RED
	29654	LIGHT RED
	29655	MAGENTA RED
	29661	INDIGO BLUE
	29669	SAPPHIRE BLUE
	29800	OPAL WHITE
	29805	SPARKLE LIGHT SILVER
	29806	MICRO LIGHT SILVER
	29819	METALLIC GOLD
	29820	MICA GOLD
	29822	MICA REFLEX GOLD
	29831	MICA ORANGE
	29842	MICA RED
	29852	MICA REFLEX VIOLET
	29862	MICA REFLEX BLUE
	29872	MICA REFLEX GREEN
	29878	XIRALLIC CRYSTALL SILVER
	29885	MICA FINE WHITE
	29888	WHITE PEARL EXTRABRITE
	29891	FINE SILVER
	29894	MEDIUM SILVER
	29895	SUPER LIGHT SILVER
	29896	COARSE LENS SILVER
	29898	SPARKLE SILVER

LWE ACR EFFECT

	29662	FROST BLUE
	29678	GREEN YELLOW
	29682	EXTRA DEEP BLACK
	29874	XIRALLIC RADIANT RED
	29883	MICA MICRO WHITE
	29887	MICA MEDIUM WHITE
	29889	EXTRA FINE SILVER
	29892	MEDIUM LENS SILVER
	29897	COARSE SILVER
	29899	MICRO LENS SILVER

LWE ACR EFFECT OPTIONAL

	IV130	PASTA OPACANTE LWE
	IV127	PASTA GOFFRANTE FINE
	IV128	PASTA GOFFRANTE MEDIO
	IV129	PASTA GOFFRANTE GROSSO

LWE ADDITIVES

CONVERTERS

ACRYLIC

- ACRYLACK EFFECT 10
- ACRYLACK EFFECT 40

BINDERS FOR GLASS

- VETRIVE EFFECT

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Modular system

LECHSYS WOOD EXSTENSIVE is a modular system available in five configurations depending on the intended use:

LWE POLYURETHANE SOLID COLOURS

20 tinters (+ 4 optional PU metallic + 4 additives) with high pigment concentration and white and neutral pre-dosed binders.
Products and technical as well as aesthetic solutions for:
• Open- and close-grained wood
• One- or two-coat also with UV finish
• Finishes with different aesthetic aspect: gloss, matt, satin, texture.

LWE ACRYLIC SOLID COLOURS

19 tinters with high pigment concentration (+ 4 additives) and white and neutral pre-dosed binders.
Products and technical as well as aesthetic solutions for:
• Lacquered woods and primers of different chemical types: acrylic, polyacrylic
• Open- and close-grained wood
• Glass
• One- or two-coat also with UV finish
• Finishes with different aesthetic aspect: gloss, matt, satin, texture.

LWE FULL SOLID COLOURS

39 tinters (+ 4 optional PU metallic + 4 additives) with high pigment concentration and white and neutral pre-dosed binders.
Products and technical as well as aesthetic solutions for:
• Lacquered woods and primers of different chemical types: acrylic, polyurethane, polyacrylic
• Open- and close-grained wood
• Glass
• One- or two-coat also with UV finish
• Finishes with different aesthetic aspect: gloss, matt, satin, texture.

LWE EFFECT ACRYLIC EFFECT COLOURS

47 transparent and effect tinters (of which 10 optional) and neutral pre-dosed binders.
Effects for:
• Metallic, pearl and micaceous colours
• Finished products applicable on various substrates in different painting processes for open- and close-grained wood
• Glass
• One- or two-coat also with UV finish
• Finishes with different aesthetic aspect: gloss, matt, satin, texture.

LWE EFFECT FULL ACRYLIC EFFECT COLOURS

58 transparent and effect tinters with high concentration (of which 10 optional) and white, neutral and effect pre-dosed binders.
Effects for:
• Solid, metallic, pearl and micaceous colours
• Finished products applicable on various substrates in different painting processes for open- and close-grained wood
• Glass
• One- or two-coat also with UV finish
• Finishes with different aesthetic aspect: gloss, matt, satin, texture.

All the products are designed to be used with the most widespread application systems on the market: low pressure manual application, airmix, airless or through automatic industrial plants, with spray or curtain application systems.

The product range

ECOPAC
Polyurethane finish for lacquered wooden manufactured items with different gloss levels.
Use: Furniture in general. Also recommended for pre-assembled furniture, reproduction furniture, chairs and items turned on a lathe.

| HIGHT SOLID | SPRAY SYSTEM | 3D | CLOSE GRAIN | UNI EN 15187 |

500
Polyurethane full-bodied finish for lacquered wooden manufactured items with excellent scratch resistance and different gloss levels.
Use: Suitable for matt lacquered finishes on panels and furniture components. Also recommended for pre-assembled furniture, chairs and items turned on a lathe.

| HIGHT SOLID | INDUSTRIAL SYSTEM | CLOSE GRAIN | UNI EN 12720 | UNI EN 15186 |

RAPIDUR
Fast drying matt polyurethane finish with different gloss levels, also useable as an undercoat.
Use: Suitable for finishes on panels and furniture components. Especially suitable to realise effect lacquering on open-grained woods.

| OPEN/CLOSE GRAIN | ADHESION PERFORMANCE | INDUSTRIAL SYSTEM | FAST DRY | UNI EN 15186 |

MAXOPAL
Polyurethane finish for high quality and valuable lacquered wooden manufactured items.
Use: For matt lacquered finishes with different gloss levels on panels and modern furniture components. Especially suitable for close-grained wood and automatic facilities.

| CLOSE GRAIN | INDUSTRIAL SYSTEM | FAST DRY | UNI EN 15186 | UNI EN 12720 |

LUCIPOL
Polyurethane finish for glossy lacquered manufactured items, which can be polished.
Use: Suitable for glossy lacquered non-yellowing finishes on panels and furniture components. Also suitable for three dimensional manufactured items, turned on a lathe.

| HIGHT SOLID | CLOSE GRAIN | INDUSTRIAL SYSTEM | 3D | CHEMICAL RESISTANCE |

ACRYLACK
Matt acrylic finish for lacquered items and undercoats.
Use: Suitable for matt lacquered non-yellowing finishes with different gloss levels on panels and furniture components. Especially suitable for open-grained substrates.

| OPEN/CLOSE GRAIN | INDUSTRIAL SYSTEM | UNI EN 15187 | UNI EN 12720 | UNI EN 15186 |

ACRYSOFT
Acrylic finish to obtain antiglare "FULL MATT" topcoats
Use: Painting of panels or wooden components (various wood species) where an extremely matt (5 gloss) lacquered finish is required. Especially suitable for open-grained wood (oak and ash).

| OPEN/CLOSE GRAIN | ANTI REFLATION | INDUSTRIAL SYSTEM | UNI EN 15187 | UNI EN 15186 |

ACRYLACK PLUS
High covering acrylic finish for matt (20 gloss) lacquered manufactured items.
Use: Furniture in general. Also recommended for pre-assembled furniture, reproduction furniture, chairs and items turned on a lathe. Suitable for close-grained substrates when a non-yellowing painting process is required.

| CLOSE GRAIN | INDUSTRIAL SYSTEM | UNI EN 15187 | UNI EN 12720 | CHEMICAL RESISTANCE |

ACRYLUX
Acrylic finish for glossy lacquered manufactured items. Can also be polished.
Use: Suitable for glossy lacquered non-yellowing finishes on panels and furniture components.

HIGHT SOLID	CLOSE GRAIN	INDUSTRIAL SYSTEM	CHEMICAL RESISTANCE	UNI EN 15187

ACRYLACK EFFECT 10/40
Acrylic finish for lacquered items and undercoats with metallic, pearl and micaceous effect, one- or two coat with gloss, matt or UV transparent finish.
Use: Suitable for lacquered, matt or semi-matt non-yellowing finishes on panels and furniture components. Suitable for open- and close-grained substrates.

OPEN/CLOSE GRAIN	INDUSTRIAL SYSTEM	EFFECT	CHEMICAL RESISTANCE	UNI EN 15186

VETRIVE
Acrylic finish for application on flat glass.
Use: Glass components of furniture for interiors (tables, tops, shutters, etc.).

ADHESION PERFORMANCE	INDUSTRIAL SYSTEM	CHEMICAL RESISTANCE	FAST DRY	UNI EN 15186

VETRIVE EFFECT
One- or two-coat acrylic finish for applications on flat glass with metallic, pearl or micaceous effect.
Use: Glass components of furniture for interiors (tables, tops, shutters, etc.).

ADHESION PERFORMANCE	INDUSTRIAL SYSTEM	CHEMICAL RESISTANCE	FAST DRY	UNI EN 15186

STEEL IVE
One- or two-pack finish with natural or tinted steel effect. Available in three versions: light/ steel /dark.
It reproduces the steel visual effect and its characteristic interaction with light.

EFFECT	OPEN/CLOSE GRAIN	SPRAY SYSTEM	FAST DRY	UNI EN 15187

IVE - Italian Styled Coatings for Habitat

IVE is the specialist brand of the Lechler group for the wood sector. With over 80 years of experience developed in Brianza, the cradle of the Made in Italy furniture industry and spread all over the world, it is the ideal partner to offer the furniture sector painting processes and qualified assistance services for any type of industrial facility.

IVE - The history

IVE was borne in 1941 in Seregno and since 2003 IVE has also been present on the Brazilian market. In 2013 it joined the Lechler group, an Italian company established at European level that operates in the international paint market in the Industry, Refinish, Decorative and Yachting sectors.

Lechler is present in Italy with production sites in **Como**, **Seregno** and **Foligno** and in Europe in the four European subsidiaries in **Manchester** (UK), **Grenoble** (France), **Barcelona** (Spain) and **Kassel** (Germany).

IVE operates in Brazil through the company Lechler do Brasil with headquarters in **Paulínia** (São Paulo), the factory in **Para** (Rio Grande do Sul) and subsidiaries in **Tocantins** (Minas Gerais) and **Rio Negrinho** (Santa Catarina).

LECHLER
Since 1858

LECHLER TECH   LECHLER   CHRÈON   STOPPANI   ive

LW² Wood & Water

is IVE's water-borne tintometric system intended for the creation of 'Italian Style' colours for the Interior Design sector.

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Since 1858

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CERTIQUALITY

UNI EN ISO **9001:2015**

Responsible Care