



LWE
LECHSYS WOOD EXTENSIVE



IVE for Trade: from supplier to manufacturer



LWE (Lechsys Wood Extensive) is the new tintometric system from IVE enabling the realization of 'Italian Style' dyes for 'Interior Design'

Furniture Manufacturers, Style Centres, Applicators, Designers and Architects: the desire for new colours and effects is constantly growing!

IVE has developed a solution to meet this demand: **LWE (Lechsys Wood Extensive)** is a tintometric system that produces coloured finishes for the furniture and Habitat components sectors. The innovative and original IVE products come in a **vast range of finishes and thousands of dyes** and can be reproduced **JUST IN TIME** featuring the most important chromatic selections and international colour standards as well as the most popular colours used in the interiors market, but above all available in the original pastel and effect chromatic collection developed by IVE for the sector. **The Supplier becomes the Manufacturer** thanks to a complete and reliable integrated system of equipment which enables to develop, manage and monitor all production stages, at the same time maintaining control over products, prices and accompanying information.

with LWE





What can be painted?

The finishes obtainable with LWE are suitable for painting all materials used in the sector, such as wood, glass and composites. They are incorporated in the main IVE coating cycles for furniture, such as **wardrobes, kitchens, shelves, chairs, tables, interior doors, decorative furnishings, profiles, frames and non-linear articles.**

IVE provides high quality coating solutions with new colours to choose from, that enhance the articles on which they are used. They are suitable for all painting process improving production efficiency and are environmentally friendly meeting the highest standards of performance applied in the sector.







Colour range

The LWE system has no limits in regard to colour.

The thousands of dyes and effects found in the most important international colour standards, in addition to the original colour collections offered by IVE, can be reproduced. Colours can also be formulated or corrected to match a sample. The quality of the finishes obtainable meets the **highest standards as for resistance, reliability and colour reproduction.**

With LWE all colours from the following international colour charts can be reproduced:

NCS
RAL 841-GL
BRITISH STANDARD

and colours of
COLOR TREND HABITAT
I COLORI DEL MOBILE
NEW MASTER CHROMA LECHLER
CUBE EFFECTS LECHLER

With more than 9000 pastel colours as well as metallic and pearl effects to which you can add... all *your* colours to the colour chart!









The tintometric system

LWE is a tintometric system consisting of pre-dosed **Base Tints** and **Converters (Binders)**.

The tintometric equipment supplied allows you to manage all production stages, from colour selection to the packaged article. The finished product will come in original IVE packaging with labels showing the correct technical, safety and packaging information. The production process is fast, logical and effective, reducing time and wastage.

The LWE production system, enabling you to respond '**just in time**' to requests from the market, consists of:

- Manual **tintometric equipment**
- High productivity and efficiency **automatic dispenser**
- 35 Kg **electronic scale**
- **Mixer**
- **Spectrophotometer**
- **Lechler Color Booster** (electronic chromatic selector)
- **Lechler MAP® LWE** software for PC

The software enables you to manage and monitor all production stages, maintaining control over products, prices and accompanying product information:

- production of **standard and customised** dyes
- management of **prices and terms of sale** for finished or ready-to-use products
- finished product **label printing** with commercial, technical and safety information
- management of **production batches**
- **printing of data and safety sheets**
- **creation of production folders** by client, product and sector
- **management of stocks**

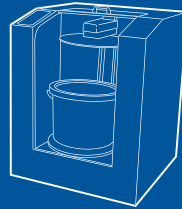
Spectrophotometer



Electronic scale



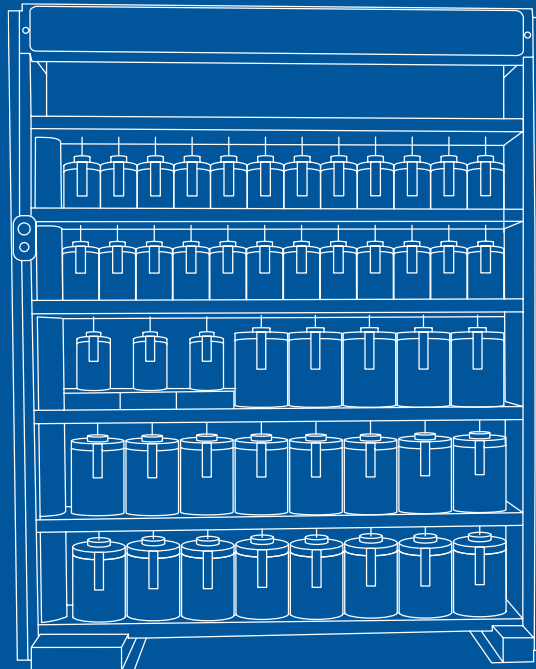
Mixer



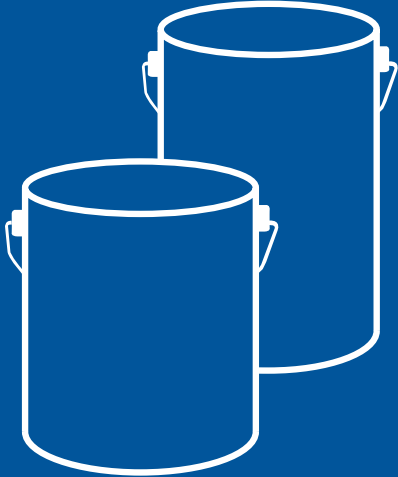
Software Lechler MAP® LWE



Lechler Color Buster



Mixing machine








































Finished product

- ACRYLACK
- ACRYLACK PLUS
- ACRYLUX
- ACRYSOFT
- ECOPAC
- LUCIPOL
- MAXOPAL
- RAPIDUR
- VETRIVE

LWE PASTEL DYES

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
	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
	29093 SILVER MET.**
	29097 COARSE SILVER MET.**

* Tinters also for effect colours.
 ** Optional tinters for one coat metallic colours.

CONVERTERS
 BINDERS FOR:

ACRYLIC FINISHES

- ACRYLACK
- ACRYLACK PLUS
- ACRYLUX
- ACRYSOFT

POLYURETHANE FINISHES






- ECOPAC
- LUCIPOL
- MAXOPAL
- RAPIDUR

SPECIFIC FINISHES
 FOR GLASS

- VETRIVE

LWE EFFECT TINTS

TINTERS

	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

CONVERTERS
 BINDERS FOR:

ACRYLIC FINISHES

- ACRYLACK EFFECT 10
- ACRYLACK EFFECT 40

SPECIFIC FINISH
 FOR GLASS

- VETRIVE EFFECT



Configuration

LECHSYS WOOD EXTENSIVE consists of two modules:

LWE PASTEL DYES

39 tinters (+ 2 optional) with high pigment concentration and pre-dosed white and neutral converters (binders) from which it is possible to obtain a range of finished products offering a variety of technical and aesthetic solutions such as:

- Lacquered finishes and basecoats of different chemical types: acrylic, polyurethane, polyacrylic
- Different types of finishes: gloss, matt, satin.
- Products usable for different types of application system: manual, airmix, airless, curtain coater.
- Products suitable for painting open and closed grain woods, composite materials and glass with different painting cycles

LWE EFFECT TINTS

The LWE pastel range (8 tinters) is joined by **29 colour, transparent and effect tinters**, plus 3 neutral pre-dosed converters (binders) from which a variety of finished products applicable on various substrates in different cycle can be obtained:

- Metallic, pearl and mica finishes
- For open and closed grain woods
- For glass
- Single and double layer also with UV finish
- Gloss, matt and satin finishes

The product range

ACRYLACK

Acrylic finish for lacquered manufactured items and undercoats.

Ideal For

Lacquered matt non-yellowing finishes on panels and furniture components. Particularly suitable for open grain woods.



1000 g +
200 g +
200-500 g
Pot life at
20°C > 2
hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Suitable for
curtain
coating



Air drying at
20°C
Through-drying:
7 days
Low baking
at stages is
possible



400-I

ACRYLACK PLUS

Acrylic finish for 20 Gloss high coverage matt lacquered finish.

Ideal For

Furniture in general. Recommended for assembled furniture, stylish furniture, chairs and decorative parts. Suitable for closed grain wood where a non-yellowing painting cycle is required.



1000 g +
200 g +
200-500 g
Pot life at
20°C over 2
hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Suitable
for curtain
coating



Air drying at
20°C
Tack-free:
4 hours
Through-drying:
7 days
Suitable for low
baking at stages



700-I

ACRYLUX

Acrylic finish for gloss lacquered finishes. It can be polished, if necessary.

Ideal For

Non-yellowing gloss lacquered finishes on panels and furniture components.



1000 g +
500 g +
300-600 g
Pot life at
20°C over 2
hours



14-16" CF4
at 20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at
20°C
Tack-free: 12
hours
Through-drying:
7 days



600-I

ACRYSOFT

Acrylic finish for "FULL MATT" undercoats/finishes.

Ideal For

Painting wooden panels or components (various woods), where an extremely matt (5 Gloss) lacquered finish is required. Particularly suitable for open grain woods (oak and ash).



1000 g +
250 g +
200-500 g
Pot life at
2 hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Suitable
for curtain
coating



Air drying at
20°C
Tack-free:
4 hours
Through-drying:
7 days
Suitable for
low baking at
stages



800-I

ECOPAC

Polyurethane lacquer finish for wooden manufactured items.

Ideal For

Furniture in general. Also recommended for assembled furniture, stylish furniture, chairs and decorative parts.



1000 g +
500 g +
200-500 g
Pot life at
20°C over
2 hours



14-16" CF4
at 20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at
20°C
Tack-free:
90 minutes
Through-drying:
7 days
Suitable for
low baking at
stages



100-I

LUCIPOL

Polyurethane finish for gloss lacquered finishes. It can be polished if necessary.

Ideal For

Non-yellowing gloss lacquered finishes on panels and furniture components. Also suitable for non-linear and decorative articles.



1000 g +
1000 g +
400-600 g
Pot life at
20°C over
2 hours



14-16" CF4
at 20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at
20°C
Tack-free:
120 minutes
Through-drying:
7 days



500-I

MAXOPAL

Polyurethane finish for lacquered finishes on high quality fine wood manufactured items.

Ideal For

20 Gloss matt lacquered finishes on panels and furniture components. Particularly suitable for closed grain wood



1000 g +
500 g +
200-500 g
Pot life at
20°C over
2 hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Suitable
for curtain
coating



Air drying at
20°C
Tack-free:
60 minutes
Through-drying:
7 days
Suitable for
low baking at
stages



900-I



RAPIDUR

Polyurethane 20 Gloss matt finish, which can also be used as an undercoat.

Ideal For

Finishes on panels and furniture components. Particularly suitable as coloured undercoat for recoating with transparent paints.



1000 g +
500 g +
200-500 g
Pot life at
20°C over
2 hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Suitable
for curtain
coating



Air drying at 20°C
Tack-free:
60 minutes
Through-drying:
7 days
Low baking at
stages from:
20° at 50°C.



200-I

VETRIVE EFFECT

Acrylic finish for application on flat glass with metallic, pearl or mica effect, one or two coats.

Ideal For

Glass furniture accessories for interiors (tables, tops, doors, etc.).



1000 g +
200 g +
500-800 g
Pot life at
20°C over
2 hours



14-16" CF4
spray
20-25" CF4



Ø 1,3-1,6 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at 25°C
Tack-free: 2h
Through-drying:
7 days
Low baking at
stages from:
20° at 50°C.



W30

VETRIVE

Acrylic finish for use on flat glass.

Ideal For

Interior furnishing accessories made of glass (tables, tops, doors, etc.).



1000 g +
200 g +
200-500 g
Pot life at
20°C >2
hours



14-16" CF4
at 20°C



Ø 1,6-1,8 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at
20°C
Tack-free: 4
hours
Through-drying:
7 days
Low baking at
stages: from
20° at 50°C.



300-I

ACRYLACK EFFECT 10/40

Acrylic finish for metallic, pearl or mica effect lacquered finishes and undercoats, one or two coats with transparent, gloss or UV finish.

Ideal For

For non-yellowing gloss or semi-gloss lacquered finishes on panels and furniture components. Also suitable for open and closed grain woods.



1000 g +
50 o 200 g +
500-800 g
Pot life at
20°-25°C
over 2 hours



14-16" CF4
spray
20-25" CF4
curtain
coating at
20°C



Ø 1,3-1,6 mm
N°coats: 1
Pressure:
3,5/4,0 Atm



Air drying at
25°C
Tack-free: 2h
Through-drying:
7 days
Low baking at
stages from:
20° at 50°C.



W401

IVE - Italian Styled Coatings for Habitat

IVE is the specialist brand of the Lechler group for the WOOD sector. With more than 70 years of experience in Brianza (the cradle of the furniture industry in Italy) and customers worldwide it is the ideal partner to provide the furniture sector with painting cycles and qualified support services for all types of industrial plant.

IVE - History

IVE was founded in 1941 at Seregno. Since 2003, IVE has also been present in the Brazilian market.

In 2013, IVE became part of the **LECHLER** group, an Italian company established in Europe, which operates in the international paints market in the *Industry, Refinish, Decorative* and *Yachting* sectors.

In Italy Lechler has production sites at **Como, Seregno** and **Foligno** and in Europe the four European branches of **Manchester** (UK), **Grenoble** (France), **Barcelona** (Spain) and **Kassel** (Germany).

IVE operates in Brazil through the Lechler company with head office in **Paulínia** (São Paulo), factory in **Parai** (Rio Grande do Sul) and branches in **Ubà** (Minas Gerais) and **Rio Negrinho** (Santa Catarina).



IVE S.r.l.

Società con unico socio persona giuridica
Sede legale Via Arturo Toscanini, 53
20831 Seregno (MB)
Tel. +39 0362 231401
Fax +39 0362 229691
e-mail: mail@ive.it
pec mail: ive@pec.it

www.lechler.eu



UNI EN ISO 9001:2015
UNI EN ISO 14001:2015



SISTEMI DI GESTIONE
CERTIFICATI

