#SOEASY

How to paint a car relying on the EASY EFFICIENCY PROGRAM.









Since 1858 millions of customers have been choosing Lechler paints in the Industry, Refinish, Decorative, Yachting and Habitat sectors, the five brands of the group.

After over 150 years, about 600 people work with competence and passion in the research, development, production and commercialisation of paints and in end-user training.

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

In Brazil the enterprise operates in the production site and subsidiary in Paraì (Rio Grande do Sul) and in the subsidiaries in Rio Negrinho (Santa Catarina), Ubà (Minas Gerais) and Paulínia (São Paulo).

Lechler products are currently distributed in over 65 countries.













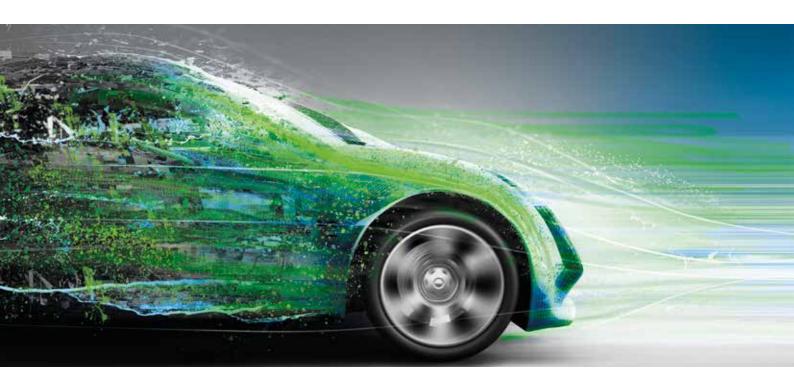








Your best practice evolving!



Lechler Refinish is the proposal for car body shops using **High Efficiency Painting Processes**, composed of high tech products with a low environmental impact and wish to differentiate on the market and offer their customers a **SUITABLE QUALITY** concerning both aspect and repair duration and work at the same time with the **greatest efficiency and productivity** with respect of the environment.



The logo "HI-Efficiency" identifies products, articles and services developed to allow car body shops paint processes optimisation, adopting the right approach to the work method and determining a competitive advantage in the repair activities.



Caring about the differences!





How to choose the best paint process if you have LECHLER MAPP EASY



How to detect the right colour if you have CME EASY or COLOR BOX EASY



How to get the right consulting if you adhere to the BODYSHOP EFFICIENCY PROGRAM

EASY EFFICIENCY PROGRAM

The easy choice The right process The best repair

Discover how to simplify your work at www.so-easy.org





Caring about the differences!



LECHLER MAPP EASY

Process Efficiency Navigator

It is an application useable on all computer storage media such as PC, Tablet, Smartphone, designed to guide the operator in the selection of the most efficient paint process.

Starting from specific information from the body shop and the type of repair, this **APP** proposes the most **efficient processes** selected from all the possible solutions and arranged according to different criteria.

For each CAR repair set the following parameters

- Type of colour (Solid, Metallic/Pearl, Effect)
- Dimension of the damage (1 part, 2 parts, front, etc.)
- Extent of the damage (minor, average, serious)

and you will immediately obtain the 3 most EFFICIENT solutions compared to the standard process.



















Hydrofan HE System



Hydrofan High Efficiency

To improve your efficiency!



Caring about the differences!



Hydrofan High Efficiency reduces repair costs!

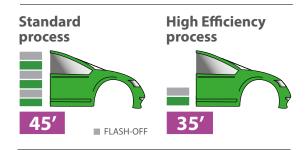
One single system, two application methods:

- product consumption reduction (-30%)
- time process reduction (-20%)

Hydrofan HE BASECOAT has been chemically improved to make the daily practice of the repair processes in the car body shops faster and easier.

One flexible system thanks to specific additives: one single tintometric system with two application methods.

According to the repair it is possible to choose the most efficient application method between the STANDARD process and the HIGH EFFICIENCY process, which under special conditions allows you to reduce **product consumption and times**.



- A basecoat colour system to obtain two-coat colours of cars, motorcycles and commercial vehicles.
- An innovative system presented in a practical packaging ensuring an excellent final result and the improvement of the work processes.
- A compact system with slightly over 60 tinters in 0,25, 0,5, 1 litre cans, with a refined first assortment volume for the production of metallic, pearl and solid colours.
- Specific thinners and additives make this system suitable for the application of all surfaces under different conditions (temperature and humidity).

It is practical: it does not require any stirring on the machine nor any addition of binders or hardeners.

It is easy to apply: it can be easily worked also by painters with less experience and with traditional equipment.

It is flexible: it can be applied in the traditional way or with two consecutive coats without flash-off.

It is rapid: very fast flash-off making it easy to sand if needed or masked with an adhesive tape for more than 1 colour.

It has a **reliable colorimetry** of over 35.000 original colours which can be reproduced.

The limited number of tinters and the small pack size allow a **rapid tinter rotation**.



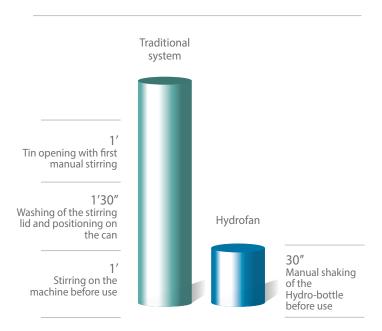




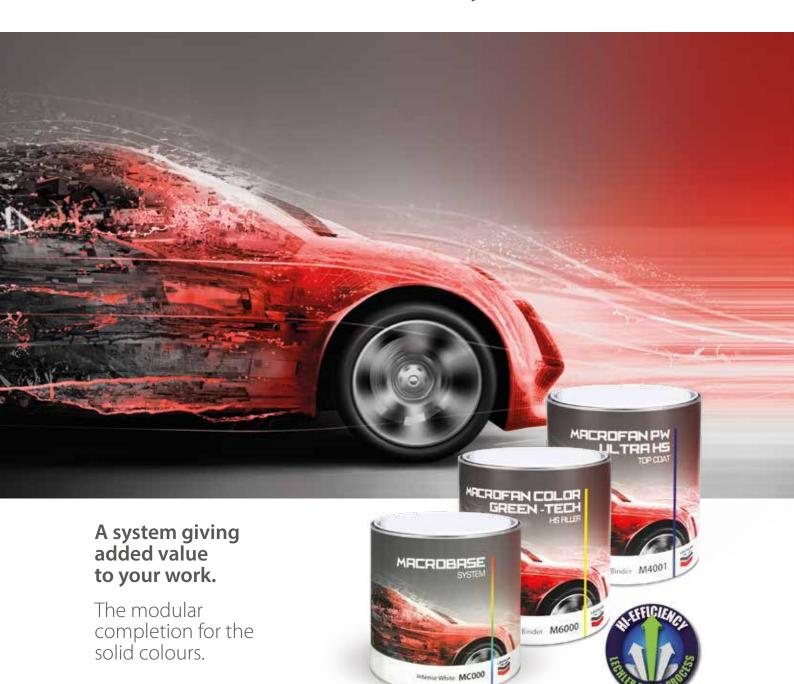
"Clean, cost reduction, quick&easy"

The Hydrofan HE Basecoat tinters are contained in the innovative packs **Hydro-bottles**

- They are fitted with a self-cleaning cap Quick-Dosing
 System, allowing you a thorough and rapid dosing from 0,1 until a few hundred colour grams.
- They are **ready for use** for an easier colour preparation, without any addition of additives or binders.
- They allow an **immediate** replacement of empty bottles, with no product waste.
- They are provided in a protection packaging with thermal performance, ideal for an **Anti-Shock** dispatch.
- They do not need any investments in new equipment: just the Hydrobox shelf is needed for their use.
- Hydrobox is safer: it has a static structure, with no mechanical parts or electric elements; Hydrofan tinters do not need to be mixed. (just a 10 second shake by hand)
- Hydrobox can be integrated with a heating kit.



Macrofan HS System



It is a polyvalent, rational and modular tintometric system to produce finishes and primer fillers with different characteristics and performance.

It is composed of 31 concentrated tinters (MACROBASE), 5 specific binders to obtain gloss, matt and effect solid finishes and other 5 binders for the production of coloured primer fillers/primers of different type and quality.

- Complete choice of finishes, from UHS to 1K nitroacrylic.
- Wide range of colours and effects.
- Wide choice of coloured primer fillers/primers.
- High coverage and productivity.





Macrofan HS Top Coats System

It is a tintometric system composed of 26 concentrated tinters (MACROBASE) and 5 specific binders to obtain over 15.000 finishing solid colours with different performance (UHS, and 1K nitro-acrylic) and effects (gloss, matt, texture).



MAC41 (M4001) PW UHS Top Coat (*VOC<420g/l*)

UHS gloss enamel with high opacity and coverage.

MAC5 (M5000) 1K Top Coat

One-pack nitro-acrylic gloss enamel for the repair of restoration cars and motorcycles.

MAC14 (M1004) HS MATT Top Coat

Polyacrylic enamel with scratch-resistance satin effect for exterior parts.

MAC15 (M1005) and MAC16 (M1006)

HS FINE and TEXTURE Top Coat

Enamels with textured effect for car interiors and exteriors.





Macrofan HS Primer&Filler System

It is a tintometric system composed of 10 concentrated tinters (MACROBASE), 5 of which are in common with the module "Top Coats" and of 5 specific binders obtaining 3 different types of primer fillers (from filler to sealer), 1 primer/filler and 1 primer for plastics. They all are available in over 400 different colours matching all colours for interiors and original undercoats used in the automotive sector.

MAC 6 (M6000) GREEN-TECH HS FILLER

HS polyacrylic filler with "Powertech" technology

MAC 71 (M7001) HS HIGH FILLER

HS polyacrylic high build sealer for dry-on-dry processes.

MAC 9 (M9000) HS UNDERCOAT

HS polyacrylic sealer for wet-on-wet processes.



MAC 81 (M8011) AP AUTOLEVEL PRIMER

2K self-levelling primer/sealer with direct adhesion on all types of substrates (cathodic coated substrates, plastics, etc.) for W/W or D/D processes.

MAC 0 (M0000) 1K PLASTIC PRIMER

1K universal primer for plastics of the car sector.

Beside favouring the opacity power of finishes with considerable time and paint saving, the utilisation of coloured primer fillers allows you to obtain three-coat finishes using the filler as a first coat: this is a solution offering reduced energy consumption and maximum speed of work.





Product range





Clearcoats

A complete high performance product range, compliant with directives on emissions into the atmosphere, available as UHS solvent-based products (MACROFAN line) as well as waterborne products (HYDROFAN line), to obtain gloss, semi-gloss, matt and scratch-resistant finishes. Useable with forced drying and air drying processes.

Primer fillers and primers

Grey scale

The range is completed with a wide offer of solvent-based or waterborne primer fillers and primers with different performance levels, available in white, grey and black version, to satisfy all needs of the different repair processes and working methods. The innovative MACROFAN range and the classic GREEN-TI provide an answer to any need.









Putties

Safety and ease of use are the main features of all range putties, from universal to traditional, up to the more specific for plastics or with fibreglass.

Energy Spray Line

It is the product line of aerosols for small and fast repairs. This is a complete product series of high quality for professional use comprising coloured primer fillers, primers, clearcoats and auxiliaries.





Multiprogram

It is the LECHLER programme meant for the rationalisation of UHS thinners and hardeners within the REFINISH product range. All finishes, direct gloss and clears as well as primer fillers utilise the same hardeners (MH100 line) and thinners type (Autorefinish), thus ensuring:

- Stock rationality
- Ease of use
- Lower risk of error
- Lower product consumption







Colour tools



Easy PC Box

It is a computer, which can be positioned on the Work Station and allows the ease and guided search for even customised colour formulas; it ensures control and dosing of various components through connexion with 7 kg. electronic scale.

Lechler MAP®

Paint & Color Management Software

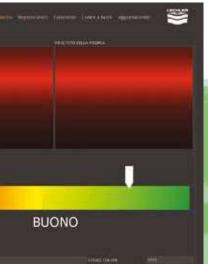
It is the multipurpose software, designed to optimise performance and profitability of distributors and endusers.

It allows the management of formulas, dosing of tinters and paints, the management of work orders, the print of labels and safety data sheets, the display of product information and stock management. It allows a rapid update via internet of all technical and safety information as well as colour and product formulas.

Colour Match Easy

Color Match is the new automatic formula system of Lechler based on a multiangle reading spectrophotometre and dedicated software making the colour detecting and correction fast, safe and effective even for the most difficult colours.







Colour Box Easy & Colour Box Chroma Flex

Colour collections containing hundreds of colour references, on wide size cards, obtained by spraying car refinish products of latest technology and grouped in fans by means of rings.

They are ideal for the precise and reliable car colour identification.

The Color Box is consistently updated with new colours. It is available both in chromatic (Color Box Chroma Flex) and in car manufacturer order (Color Box Easy).



Master Car 5

Modular colour collection with colour chip references for solid, metallic, mica/pearl colours of the car fleet. The colour chips are contained in a practical, compartment box.

Master Motor 2

Modular colour collection with traditional colour chip references for solid, metallic, mica/pearl colours of the motorcycle fleet. The colour chips are contained in a practical, compartment box.



Hydrofan & Macrofan Tinting Guide

Colour fans proposing the colour development of the tinters within the Hydrofan and Macrofan systems.

Macrofan Primers & Fillers Tinting Guide

Practical colour fans containing over 180 original colour references of primer fillers with relevant formulas printed on the back side.





Technical Assistance

Colour Call Center

The vast know-how on colour, colour formulas and colour archives of cars and motorcycles are at the disposal of customers through a highly professional and prompt "online" service.

Technical Assistance Team

A support of our competent and professional technical assistance team is ensured both in Lechler and on site in a sector of ever-evolving technology.

Hardware and Software Assistance

Skills and professionalism for the correct management of tintometric, spectrophotometric equipment and of SW programmes are put at the user's disposal.

The website dedicated to Lechler Refinish:

http://refinish.lechler.eu

Integrated in the Lechler official website, the Lechler Refinish website collects all useful information for customers and professionals of the car refinish market, illustrates the value proposition and colour tools, presents the newest products and projects and displays useful services for the painters' activity.

Projects and events of distributors and car body shops find space and visibility in the news section and in the homepage boxes, where these initiatives are shared with the Lechler Marketing Department.

Color website

www.lechler.eu

Through the access to a dedicated area it is possible to obtain all information relating to colour formulas and to colour ranges of car manufacturers updated in real time.

The online catalogue of Lechler Refinish products

The online catalogue allows you to search by name, code, product type or systems all Lechler Refinish products. Each product indicates its description, technical and safety data sheet and, in case, insights or information marketing material

The Lechler Portal

The Lechler Portal (http://portal.lechler.eu) is the aggregator of all Lechler web services displayed to customers. It is constantly updated as concerns functions and contents and it is a useful tool to obtain in real time helpful information and material for the daily activity of professionals working with Lechler products.

The Lechler website

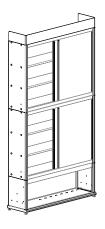
Information and operation in real time on any device

The official website (**http://www.lechler.eu**), which can be consulted and utilised both from the desktop and from mobile devices, is the online showcase for the whole value proposal of Lechler.

It is available in 5 languages and it is a reference point for those willing to know and to be kept informed on products and services offered by Lechler and its brands. The section "Centre for Excellence", completely dedicated to customers, allows you to download schedules and detailed programmes of training courses.



Refinish systems



BASIC installation

HYDROFAN Basecoat System (HYDROBOX) allows you to obtain all two-coat solid, pearl and metallic colours of cars and motorcycles.

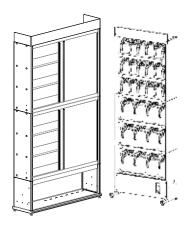
BASIC PLUS installation

HYDROFAN Basecoat System (HYDROBOX).



MACROFAN HS Primers&Fillers

(Stirring machine for 10 MACROBASES) allow you to obtain coloured primer fillers and primers for the reproduction of original undercoats and primers used in the 1st painting.



PREMIUM installation

HYDROFAN Basecoat System (HYDROBOX)



MACROFAN HS Top Coat

(Stirring machine for 26 MACROBASES) allow you to obtain solid colours of cars and motorcycles with direct gloss process.

PREMIUM PLUS installation

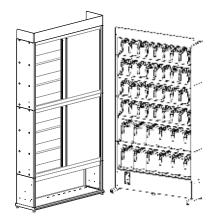
HYDROFAN Basecoat System (HYDROBOX)



MACROFAN HS SYSTEM

(Stirring machine for 31 MACROBASES)

- Top Coat allows you to obtain solid colours of cars and motorcycles with direct gloss process.
- Primers&Fillers allows you to obtain coloured primer fillers and primers reproducing original undercoats and primers used in the 1st painting.









Training & Assistance

The services that Lechler puts at the disposal of its users through the CENTRES for EXCELLENCE aim at supporting the user in the correct utilisation of products with professionality, timeliness in the information update and competence.

The Centres for Excellence of Lechler are multifunctional spaces meant for users and distributors. In dedicated structures equipped with avante-garde facilities and instruments they offer and ensure:

- A high level professional update through courses offering a correct mixing of theory and practice to ensure the maximum result in the shortest time as possible.
- Consulting services and technical assistance on products, colours and instruments with high professionality and timeliness.



LECHLER S.P.A.

22100 Como - Italia Via Cecilio, 17 Tel. +39.031 586 111 Fax +39.031 586 206 info@lechler.eu

LECHLER COATINGS LTD.

Unit 42, Pochin Way - Middlewich Cheshire CW10 0GY - UK Tel. +44 (0) 1606 738.600 Fax +44 (0) 1606 738.517 lechler.uk@lechler.eu

LECHLER COATINGS FRANCE S.A.R.L.

Parc d'activité Actipole 296, rue de la Béalière F-38113 Veurey-Voroize - France Tel. +33(0) 4 76.53.71.81 Fax +33(0) 4 76.53.71.89 lechler.france@lechler.eu

LECHLER COATINGS IBERICA, S.L.

Calle Primer de Maig, 25-27 08908 L'Hospitalet de Llobregat Barcelona - España Tel. +34 93.264.93.20 Fax +34 93.264.93.21 lechler.iberica@lechler.eu

LECHLER COATINGS GMBH

Lilienthalstraße 3 (Halle 12)
D-34123 Kassel - Deutschland
Tel. +49 (0) 561 988.380
Fax +49 (0) 561 988.38.38
lechler.de@lechler.eu

LECHLER DO BRASIL S.A.

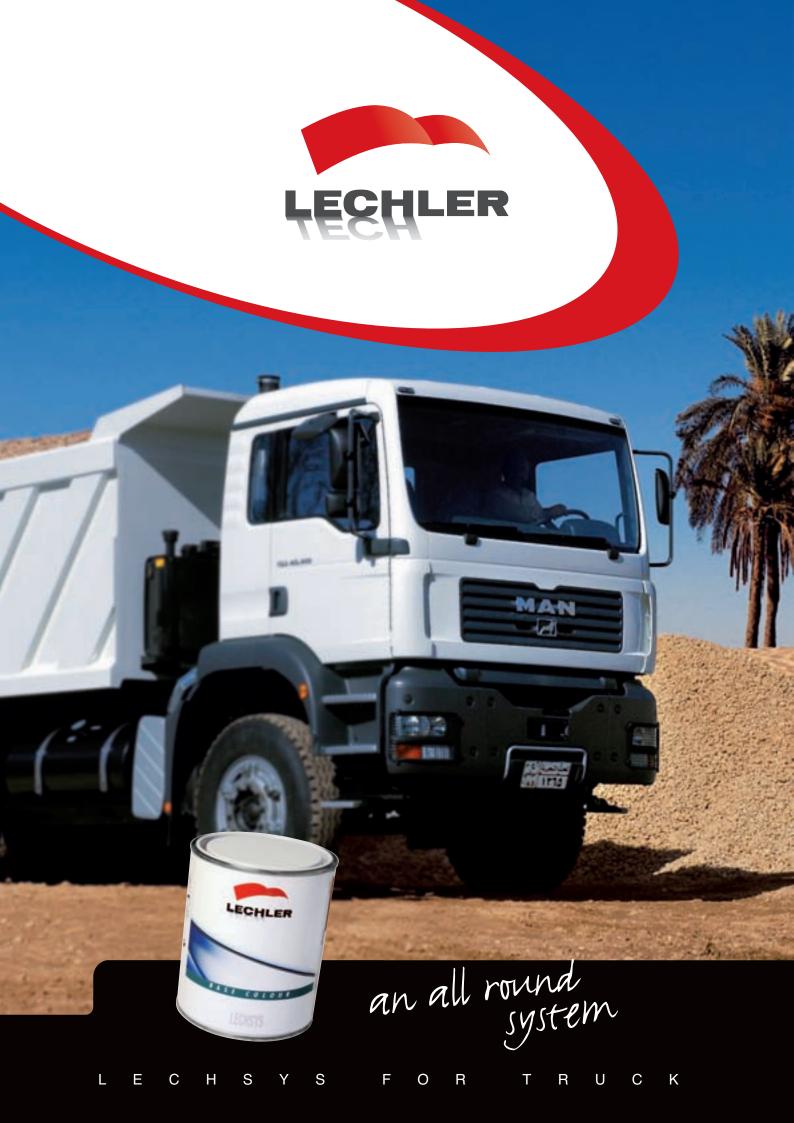
Rua Silvio Paludo, nº 10 Distrito Industrial IV CEP: 95.360-000 Paraí (Rio Grande do Sul) - Brasil Tel./Fax +55 54 3477 1882/2107 lechlerdobrasil@lechler.com.br

www.lechler.eu











Lechler has been providing its Customers with technical solutions to their needs since 1858 in the coating sector, always with total enthusiasm and with the full commitment of all its resources.

Over 500 people work at the Italian Headquarter, at the two production sites in Como and Perugia, and in the other four european centres in Manchester, Grenoble, Barcelona and Kassel.

Attaches a great importance to quality standard and to product technological updating. UNI EN ISO 9001:2000 International Quality Certification is adopted in all planning, manufacturing and trading activities.



Lechler offers a wide and well-known range of specialistic products and services for Industry, Refinish, Decorative and Yachting which are identified by the four brands of the group.









Lechsys: an all round system ...





The great experience of Lechler in the Industrial Vehicle sector, as O.E.M. supplier of prestigious manufacturers, has enabled them to develop and put at disposal of the Lechsys Truck Refinish market, a multi-purpose colour mixing system, aimed at solving all the problems of industrial bodywork painting, complying with the legislations and generating more profits to the truck refinish industrial body repairers. Lechsys is an ALL ROUND system:

LECHSYS

- It offers the possibility to obtain singleand double-component Primers, Fillers and Finishes with different price and technical levels, from a single line of coloured basecoats.
- This flexible system allows to choose the right painting cycles according to the different items, prices, and application and to meet the requirements of the strictest regulations on atmospheric emissions.
- It provides the possibility to create complete cycles, widely evaluated and selected from amongst the numerous laboratory tests following ISO 9001: 2000 quality procedures, and confirmed by thousands of market applications, with the guarantee of absolute reliability and safe usage.

- In addition, it offers the opportunity to create infinite shades of coloured primers, allowing enormous savings in finishing products and a greater spreading capacity, without hiding problems, even with shiny and leadless shades.
- The colour mixing system, which consists of a pre-dosed system with highly concentrated pigment bases and neutral resins, enables a fast and efficient creation of the finished products and allows the functional management of the warehouse, reducing stocks to the minimum with evident saving.
- More than 6000 colours (industrial and commercial vehicles, agricultural machinery, Ral, British Standards, NCS, Afnor etc.), constantly updated, enable the industrial user to deal with any colour request in complete peace of mind.
- With this system the user can create the exact quantity necessary to complete the work avoiding waste and product leftovers.
- As well as a functional range of paint products, Lechsys also includes hardeners and thinners, thus reducing warehouse stocks and the possibility of errors to a minimum.

The management of the system throughout the production process, is obtained through dedicated Software, and is carried out through the use of a dedicated Data Box computer or through a PC connected to the electronic scale.





Lechler provides a complete range of products, widely tested and guaranteed by the ISO 9001:2000 quality systems, which allows the user to find the right product and cycle for all his production, system, financial requirements and complying with the 2004/42/CE legislation.

ANTI-CORROSIVE 1K PRIMERS

SYNTOPRIMER ZINC high quality synthetic – phenolic compound with zinc phosphate.

SYNTOPRIMER fast drying economic synthetic product.

 FAST PRIMER highly anti-corrosive single-component wash primer with VOC content lower than 780 gr/l.

ANTI-CORROSIVE 2K PRIMERS

EPOFAN PRIMER R-EC epoxy binder of very high quality.

EPÓBÜILD epoxy primer with high filling and suspension capacity; VOC content lower than 540 gr/l.

EPOXYPRIMER epoxy primer with anticorrosive pigments and a great adherence; VOC content lower than 540 gr/1.

ACRIPUR high performance acrylic epoxy primer with VOC content lower than 540 gr/l.

2K FILLERS

IS FILLER HBF highly insulating polyure-thane primer.

HI-BUILD FILLER polyacrylic primer with high filling and workability capacity; VOC content lower than 540 gr/l.

1K SYNTHETIC FINISHES

SYNTOLACK fast drying. MONOSYNT semi-matt industrial primer-finish.

2K POLYURETHANE FINISHES

ISOLACK UHS ultra high solid with VOC content lower than 420 gr/l. ISOLACK HIGH with high quality and chemical resistance. ISOLACK with excellent aesthetic appearance.

ISOLACK PUR economic industrial type 4:1.

2K POLYACRYLIC FINISHES

ACRITOP UHS ultra high solid with VOC content lower than 420 gr/l.
ACRITOP high quality workable finish.

ACRYL 2K single coat with direct adhesion to metal, alloys and plastic.

SPECIAL FINISHES

BASECOAT basecoat for two-coat finish in solid, metallic and pearl colours. ACRYL 1K gloss acrylic finish with direct adhesion to PVC and ABS.





The "GREEN DISC", howing the silhouette of a car, bears the writing LOW V.O.C. (Low volatile organic compound). This disc is used on the products that "comply" with the 2004/45/CE legislation on atmospheric emissions.

DOUBLE COAT

substrates: polyurethane primers polyacrylic primers epoxy primers



QUALITY SINGLE COATS

substrates: aluminium side boards or parts pvc tarpaulins plastic components



ECONOMICAL DOUBLE COATS

substrates: truck bodies side boards chassis







QUALITY DOUBLE COATS

substrates: building site machinery lorry cabs tankers/cement mixers buses, tram cars truck bodies, side boards





substrates: buses



TOP QUALITY TRIPLE COATS WITH LOW V.O.C. CONTENT

lorry cabs

DOUBLE COATS

substrates: fiberglass vans







a sure guide

Lechler's tools set aims at providing a sure and rapid guide for the use of products and colour mixing systems.

COLOUR MIXING SYSTEM

This is the high performance and functional mixing equipment with stirrers for base colours, very sturdy, handy and easy to use; it is fitted with the WORK STATION that provides the ideal support to position all the tools necessary for the colour reproduction and control.

DATA BOX CD

Compact computer that can be placed on the WORK STATION. Thanks to its dedicated software the user can carry out an easy guided search through the colour formulas, including customised ones.

The software (also available in a PC version), guarantees the control and dosage of the various components through connection with electronic scales from 7 to 35 kg, the catalysis and dilution of all the products in the range, including the prices.

LECHLER EXPLORER® Paint Management Software

The LECHLER EXPLORER® Software in addition to the DATA BOX existing functions, through a Personal Computer, allows to help the user to easily and safely deal with the following operations:

- Colour formulations research.
- Files creation and storing by customer.
- Paint consumption and stock control
- Internet updating.
- Technical and safety information visualisation.











colour with no limits



MASTER TRUCK

Modular colour catalogue with reference to traditional chips for all the colours of the following categories: industrial vehicles, RAL, agricultural machinery etc., contained in the practical compartment box.



MATER COLOR

All the NCS (Natural Color System) colours.

BRITISH STANDARD

British 381C and 4800 colour Regulation collection.



COLOR INDEX

Annually updated index book, containing all the information on the shades available in the Lechsys colour mixing systems, subdivided according to the product type.



CD-ROM WITH TECHNICAL AND SAFETY SHEETS

It contains multilingual technical documents concerning all the LECHLER product range with their safety sheets. It guarantees a correct and precise information complying with technical and legislation requirements.

CD-ROM FORMULAS SYSTEM

It is systematically updated and contains all the information and formulas relative to the colours that can be created with the Lechsys colour mixing system.

It can be used with the DATA BOX and the software version, that automatically installs the LECHLER EXPLORER management system for Personal Computers.

MASTER CHROMA AND MASTER CHROMA EFFECT

This handy case contains more than 1400 glossy colours reference chips, and 1000 metallic and pearl 2k cards sprayed with 2K enamel and arranged in chromatic order for fast and precise identification of the Lechsys shades.









the services for customers

Lechler's customer services for Lechsys users, provided through the Centre for Excellence, aim to support the user in the correct use of the products with professionalism, timeliness and competence.

TECHNICAL ASSISTANCE

To guide the user in the identification of the right product cycle for his work, through telephone assistance or onsite help.



COLOR CALL CENTRE

A professional and up-to-date ON LINE service is available to request the latest colour formulas.

TRAINING CENTRE

Specific courses will be held in a leading edge structure by qualified technicians, who will support the users with their experience and help them in the identification of products and cycles, in their application and in finding the best solution for any requirements.

ASSISTANCE HARDWARE AND SOFTWARE TOOLS

Lechler makes its professional skills available to the user for the installation of the software or for the correct management of colour mixing and spectrophotometric tools.

INTERNET

Our website www.lechler.eu provides quick and economical access to constantly updated information on products, colour courses, technical and safety sheets and all the sector innovations. Visit and discover our Internet website: www.lechler.eu









LECHLER S.P.A.

22100 COMO ITALY Via Cecilio, 17 Tel. +39.031 586 111 Fax +39.031 586 206 info@lechler.eu

LECHLER COATINGS LTD.

Unit 42, POCHIN WAY - MIDDLEWICH CHESHIRE CW10 0GY Tel. +44 (0) 1606 738.600 Fax +44 (0) 1606 738.517 lechler.uk@lechler.eu

LECHLER COATINGS FRANCE SARL

Z. Industrielle Des Iles Cordées 38360 NOYAREY Tel. +33 (0) 4 76.53.71.81 Fax +33 (0) 4 76.53.71.89 lechler.france@lechler.eu

LECHLER COATINGS IBERICA, S.L.

Calle Primer De Maig,25-27 08908 L'Hospitalet de Llobregat BARCELONA Tel. +34 93.264.93.20 Fax +34 93.264.93.21 lechler.iberica@lechler.eu

LECHLER COATINGS GMBH

Lilienthalstraße 3 (Halle 12) D-34123 KASSEL Tel. +49 (0) 561 988.380 Fax +49 (0) 561 988.38.38 lechler.de@lechler.eu

www.lechler.eu

