



**LECHLER**  
TECH



# ISOFAN HS

Coatings solutions  
and high solid cycles  
for Commercial vehicles



*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.*



# ISOFAN is back!

**ISOFAN** is an **historical product for Commercial Vehicles**.

This product line has been created by Lechler R&D laboratories in the '50s. Starting from year 1959, it has been used for buses, trams and commercial vehicles.

**ISOFAN brings a great innovation marking an historical step** inside the industrial field which used alkyd, melamine and synthetic enamels. Lechler is protagonist with the introduction of the first bi-component polyurethane enamel.



## a new story !

Today ISOFAN HS **System is composed of a polyvalent mixing machine and High Solid Low V.O.C.** complementary materials which can be used to create specific cycles in the aim of improving processes, complying with legislations and generate more profits.



Wherever paint matters!

The Lechler proposal addressed to industrial professional operators, is characterised by a wide range of innovative products able to conjugate high quality, production efficiency and final result with total respect for the Environment.

### **High solid products to dilute with water and low emission of solvents,**

have been conceived considering the important **“eco-responsible”**, philosophy in which Lechler is always engaged.

Investing in the technological development to put at disposal of users innovative products and services always

### **complying with environmental legislations and safety in use.**

The great experience which Lechler has obtained in the Commercial Vehicles, as O.E.M. supplier for important car producers, has contributed to develop and propose the

### **ISOFAN HS System**



# eco-responsible innovation



The logo LOW V.O.C. TRUCK identifies all the products conceived for the Commercial Vehicles with low emission complying with legislations 2004/42/CE.

**High Solid innovative solutions**  
technology with low impact on the environment



**ISO FAN HS**  
versatile system for  
Commercial Vehicles



**6 BINDER**

**ISOFAN HS System**  
**The polyvalent system**  
**composed of**  
**31 basecoats and 6 binders**  
**to obtain**  
**Primers, Fillers and Finishes**  
**deriving from an unique line**  
**of coloured basecoats.**



**31 COLOURED  
BASECOATS**

### **high quality and safe cycles**

All the painting cycles have been studied and created by our R&D laboratories and certified with ISO 9001:2000 Quality System.

They can be identified through a specific Software with technical detailed information guaranteeing absolute reliability and safe utilisation.

### **high productivity for coloured fillers**

The coloured Primers and Fillers which is possible to obtain have no limits in colour realisations, allow great savings in finishes, a great application rapidity, they minimise covering problems even with brilliant colours.

### **rapidity and efficiency**

Thanks to the MACROBASE coloured basecoats with high concentration of pigment combined with neutral binders, the system allows to obtain products finished with high rapidity also in small quantities, in thousands of colours and in the exact quantity you have demanded, avoiding product waste.

### **the answer to the customers expectationse**

The coloured basecoats have a good compatibility with a wide range of binders. Thanks to this characteristic it is possible to quickly obtain different types of products with LOW V.O.C. with different performances by choosing the best cycles in the aim of obtaining the specific demanded coatings.

# ISOFAN HS the answer to your needs

**31 concentrated base colours high compatibility:** they have been formulated with very high quality pigments chrome and lead free, which guarantee the final products with resistance and high covering and allow to obtain a very large range of solid colours for the industrial field.

## the coloured basecoats: Macrobase

	MC800	DEEP WHITE
	MC005	FAST YELLOW
	MC008	SUN YELLOW
	MC010	COOL YELLOW
	MC013	OXIDE YELLOW
	MC015	WARM YELLOW
	MC021	BRILLIANT ORANGE
	MC025	LIGHT ORANGE
	MC033	OXIDE RED
	MC043	RUBY RED
	MC048	SCARLET RED
	MC052	BORDEAUX
	MC053	BRIGHT RED
	MC055	MAGENTA
	MC058	VIOLET
	MC060	COBALT BLUE
	MC061	INDO BLUE
	MC063	SAPPHIRE BLUE
	MC068	PHTALO BLUE
	MC069	FROST BLUE
	MC072	PHTALO GREEN
	MC078	LIME GREEN
	MC081	DEEP BLACK
	MC084	BLUE BLACK
	MC087	CARBON BLACK
	MC210	COOL YELLOW REDUCED
	MC213	OXIDE YELLOW REDUCED
	MC248	SCARLET RED REDUCED
	MC268	PHTALO BLUE REDUCED
	MC281	DEEP BLACK REDUCED
	MC999	SUPER WHITE



process rapidity and efficiency



# the polyvalent system with high flexibility



## utilisation fields

construction vehicles  
truck cabins  
tanks/concrete mixers  
vans  
bus, tram  
pullman  
farm tractors  
agricultural vehicles  
vans in resin glass  
containers





The combination with colour bases and binders allow to obtain **different types of final products, through the utilisation of the System formulations and the mixing machines put at your disposal.**

## finishes

**ISO 4 (binder TK 400) ISOFAN ULTRA HS top coat**  
2:1 ULTRA HS polyacrylic brilliant finishing enamel with high yield.

ISO 4 is V.O.C. compliant.

It is suggested for big surfaces, high yield and covering and very fast application (1/2 + 1 coats) safe utilisation in high thickness.

**ISO 5 (binder TK 500) ISOFAN HS top coat**

2:1 HS brilliant finishing enamel with very good final aspect and easy application on big surfaces. It is recommended where legislation compliancy is not demanded and where application parameters and fast and easy cycles are expected.

**ISO 55 (binder TK 550) ISOFAN HS Matt top coat**

HS matt finishing enamel with easy application. It is uniformly satin-finished, with excellent anti-scratch effect. ISO 55 is V.O.C. compliant

## primers and fillers

**ISO 1 (binder TK 100) ISOFAN HS Primer**

5:1 epoxy acrylic coloured anti corrosive primer with zinc phosphate. ISO 1 has a universal utilisation, it can be directly applied on steel, inox, iron, aluminium and light alloys, galvanised sheet and pre-existing paintings both on w/w and on d/d cycles. ISO 1 is V.O.C. compliant

**ISO 2 (binder TK 200) ISOFAN HS Sealer**

4:1 acrylic insulating coloured filler with high productivity for w/w or d/d cycles. It is suggested when you demand application flexibility and very excellent performances. ISO 2 is V.O.C. compliant.

**ISO 3 (binder TK 300) ISOFAN HS Filler**

5:1 insulating and filling coloured filler with HS. It is suggested when it is demanded a very good filling and easy sanding. ISO 3 is V.O.C. compliant.

## specialistic complementary products

The range is completed by some specific complementary products for preparation and finishing for the ISOFAN HS printing cycles:

- Putties
- Primer for plastics
- Wash Primer
- Epoxy fillers
- Polyester fillers
- Finishes for Chassis
- Basecoats
- Brilliant and Matt top coats



## Master Chroma ISOFAN

It is an exclusive colour sample collection of industrial colours combined with the ISOFAN HS system.

The collection is composed of 3.000 solid colours arranged in a practical small briefcase disposed in chromatic order and in single colour chips. The selection reproduces with precision, with the ISOFAN enamel, the Industrial and Commercial Vehicles colours, the Standard Colours and a very high number of Corporate and Fleet colours. It allows to identify immediately and precisely every type of colour.



# colour without limits



## OEM standard colour matching

### easy and precise

More than 6.000 commonly used colours are available for industrial, commercial and agricultural vehicles, beyond the RAL colour range.

The proposed colours are a chromatic universal range for the field. All the colours you can obtain guarantee high resistance and a very good chromatic precision.



# equipments

## mixing machine

It's the highly efficient and rational mixing equipment: the ISOFAN HS tins (basecoats and binders) can be completed with some comfortable and solidly built stirring lids. The mixing machine is completed also with the WORK STATION, which is the ideal support for the positioning of all the necessary instruments for the colour control and reproduction.

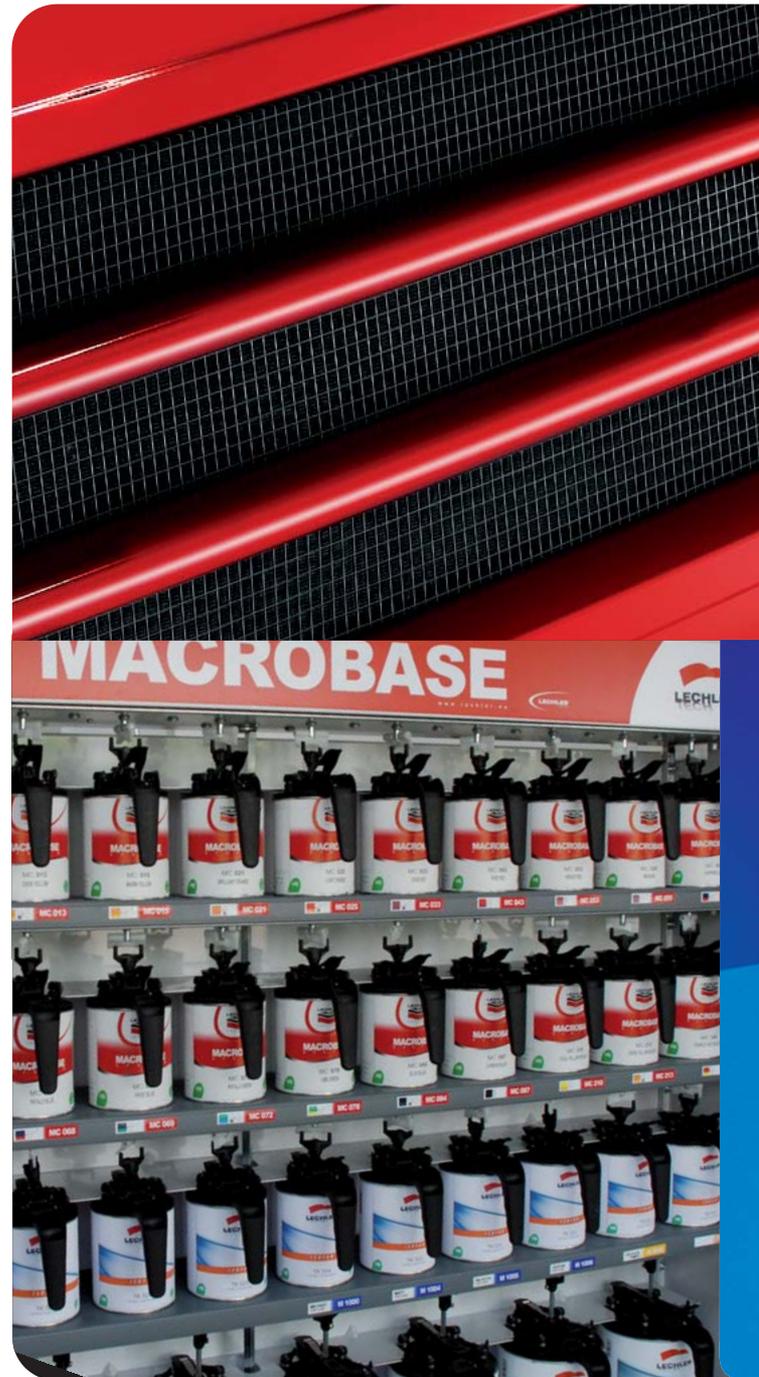
## Lechler Explorer for PC

The LECHLER EXPLORER allows to operate easily and in a safe way. In particular it is possible:

- To easily research colour formulations (also the personalised ones).
- To create and make archives and files.
- To control stocks and consumption.
- To control the material pricing.
- To make a catalysis and dilution of the prepared products with the electronic scale with details concerning the V.O.C. levels.
- A periodical updating of Software and Data Base via internet or CD.
- To check and print technical and safety information.

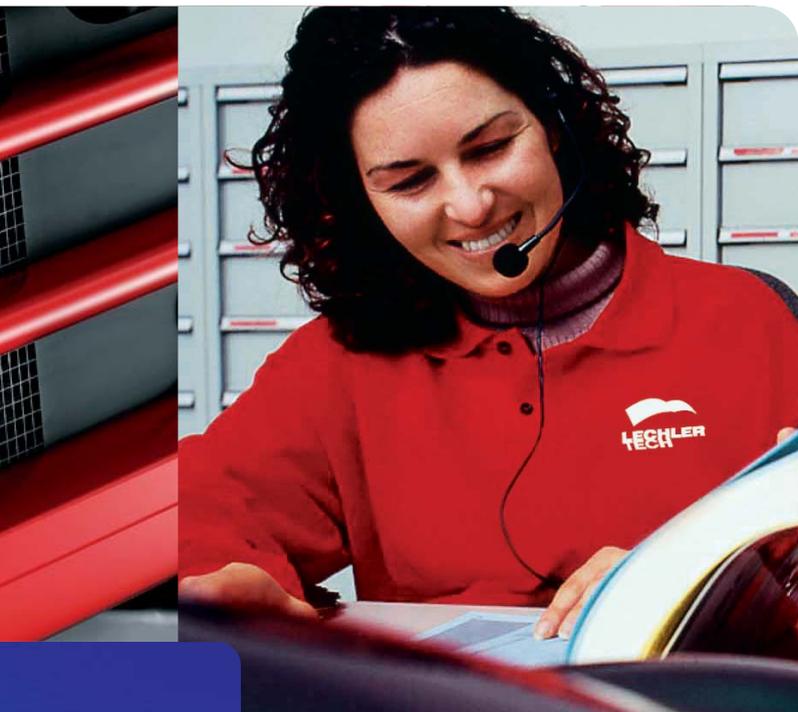
## spectrophotometer

The ISOFAN system can be completed with a spectrophotometer work station (fix or mobile) to research and formulate colour samples.



**Easy  
to work  
with and complete  
information!**

**The system management is made through specific equipments and Software which help the user in a fast and intuitive way, by giving all the useful information for a correct production process.**



## Centre for Excellence's structures

### training and assistance specific for the user

The Lechler Centre For Excellence is at disposal of the user to help him with the correct utilisation of products with professionalism, rapidity and professional skill. In particular:

- It guarantees a high level professional training and updating, through theoretical and practical courses studied to guarantee the maximum result in the shortest time.
- It offers immediate colour assistance, technical and equipments assistance with high professionalism.



**Lechler Explorer**  
Paint Management Software

### technical assistance

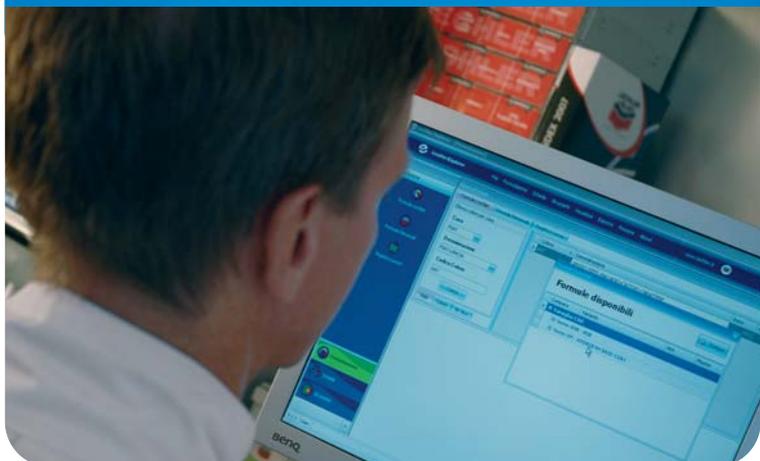
A technical assistance on the phone or "on field" with specialised technicians, to help the user to identify the best cycle or product for each type of work, in the Software installation or in the mixing machines or spectrophotometer management.

### colour call centre

A Service "on line" with professional operators to satisfy every kind of colour information.

### internet

On our Lechler website [www.lechler.eu](http://www.lechler.eu) it is possible to have direct access on the following information: products, courses, colour formulations, technical and safety data sheets all the news concerning the field, thanks to a periodic and precise updating.



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