

ISOFAN^e
**FOLLOW THE
EVOLUTION!**



NEW
BINDER
DBTL
FREE

ISOFAN enamel with an **innovative formulation (DBTL-free)**, improved **speed of drying even at room temperature** and easy to use with most popular application systems. As it is an **integral part of the Lechsys system**, its portability all over the world is guaranteed.

Accompanied by a **rationalised portfolio of hardeners and thinners**, it is completed with a major **expansion of tinters** to allow access to a **wider range** of colours: this not only ensures an alignment with sector-specific systems of commercial vehicles, but it also **extends its application** to other sectors, where **high quality and aesthetics standards** are required.



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SILVER GUARD, a sanitising additive with silver ions, can be added to the product.



Along with a very **high gloss film**, high chemical and mechanical resistance and easy polishing, **ISOFAN** also presents **new chromatic proposals** to match the most recent and widespread colours.

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BINDER ISOFAN NEUTRAL 44501

in the ratio **75/25 binder/tinters** by volume and in the L3.75 pre-dosed can, it is proposed to obtain the most popular colours in the **commercial vehicle sector and in the general industry**. In the ratio 60/40 binder/tinters and in the L3.0 pre-dosed can using the new six tinters with higher opacity, it is indicated for the more critical colours in the area of yellows, reds and oranges.

6 NEW TINTERS WITH HIGHER CONCENTRATION are included in the range to produce colours that have a more critical opacity, in the area of yellows, reds and oranges.

- LN29508 TB LECHSYS SUNSHINE YELLOW
- LN29515 TB LECHSYS WARM YELLOW
- LN29518 TB LECHSYS HYPER YELLOW
- LN29522 TB LECHSYS WARM ORANGE
- LN29524 TB LECHSYS ORANGE LN29548 TB LECHSYS SCARLET RED

BINDER ISOFAN WHITE 44500

in the ratio **95/5 binder/tinters** by volume and in the L3.80 pre-dosed can it has been conceived to improve **the opacity in the area of whites and derived colours**.

3 NEW DEDICATED HARDENERS in the version
13600 ISOFAN HARDENER
13500 ISOFAN HARDENER FAST
13700 ISOFAN HARDENER ULTRA FAST

2 NEW THINNERS formulated with the same logic,
00550 ISOFAN THINNER and
00560 ISOFAN THINNER SLOW.



STANDARD GLOSSY



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STANDARD OPACITY



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MODULAR PROPOSAL IN THREE DIFFERENT CONFIGURATIONS

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BASIC CONFIGURATION ISOFAN NEUTRAL BINDER

ISOFAN NEUTRAL binder is **inserted into the Lechsys tinting system** to obtain all the colours proposed in the Lechler Master Chroma Advanced, Master Industry collections and in the most popular colour fans (RAL, NCS, British Standard).



ELITE CONFIGURATION ISOFAN NEUTRAL, ISOFAN WHITE BINDER

Basic configuration integrated by a white binder which is inserted into the Lechsys Tinting System and allows a colour proposal enhanced by more specific **solutions for the most important colour and opacity needs** in the area of whites and derived colours.



PREMIUM CONFIGURATION ISOFAN NEUTRAL, ISOFAN WHITE BINDER

The Elite configuration can be further extended in the Premium configuration with the **6 new higher concentrated tinters** for the highest aesthetic and opacity standards also in the range of more critical colours (**yellow, orange and red**). In support of that configuration an integration of the Master Chroma Advanced collection has been envisaged with **two new available colour fans**, for a total of about **200 new colours**.



FIELDS OF APPLICATION



COMMERCIAL VEHICLES

FITTING OF SPECIAL VEHICLES



COLD STORES

AGRICULTURAL, BUILDING & EARTH-MOVING MACHINES

MEANS OF URBAN TRANSPORT (BUSES, TRAMWAYS, UNDERGROUNDS AND MONORAILS)

SPECIAL MEANS OF TRANSPORT (CABLE CARS AND FUNICULARS)

SPORT EQUIPMENT

URBAN & SUBURBAN FURNITURE

MEDICAL AND AESTHETIC EQUIPMENT

HABITAT INTERIOR

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HIGHLIGHTS

It was developed utilising a technology with low environmental impact (VOC < 420 g/l) to be compliant with the directive 2004/42/CEE



It's **DBTL-free** to be an even more a state-of-the-art product as concerns safety

The innovative formulation allows for extremely **fast drying at room temperature** and a **dust-free** time up to just 20 minutes after the application

Great hardness of the **paint film** and **surface slipperiness**

Product **aesthetical aspect of the highest quality**, endowed with high **covering power**, brilliance and gloss

Excellent **colour matching** reliability at every level

High **light and weather resistance**, proved through strict durability tests

This enamel is easy to apply both with traditional **spray gun, HVLP** and **Airmix**, to achieve **an excellent flow and a good vertical hold**

Quality and safety of the painting processes both in dry-on-dry and wet-on-wet process

It generates painting processes compliant with **medium/high corrosion classes of ISO 12944** with the most used primers from the Lechs Systems





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A COLOUR PROPOSAL WITHOUT LIMITS



Color Design

Isofan, as for its aesthetic quality, is a perfect solution for the colour reproduction of the Color Design collections, such as Colors for a new life and Color Trend Consultant Classics.

Master Chroma Advanced

is the exclusive colour collection consisting of over 2.800 solid colour references, extended by two other new colour fans (L0990216N1 Master Chroma Advanced Updating 2021)

Master Industry

is the colour collection of ca. 1.100 colours containing the most popular solid and metallic colours spread on the market by the main manufacturers of Industrial Vehicles, recently supplemented by over 200 new pastel and metallic colour chips that are most popular on the market (L0990869N1 Master Industry Update I-2020).

Map Cross Reference

is an important tool for a precise cross reference of the colour proposals from these colour collections with the colours of the different Truck Manufacturers.

EASY AND PRECISE COLOUR IDENTIFICATION

Color Reader

is an "ultra-portable" reader for direct measurement of solid colours on the surface and an immediate matching with the thousands of colours present in the Industry Master Chroma Advanced, Master Industry, RAL and NCS collections.

The Spectrophotometer

The fixed or portable spectrophotometer allows the preparation or formulation of solid colours according to the sample.



EQUIPMENT TO SUPPORT THE OPERATOR IN AN INTUITIVE AND EFFICIENT WAY

The Lechsys tinting machine

is the mixing device. All dispensers of the tinters are equipped with stirring lids for quick and efficient mixing.

The Work Station

is combined with it and provides the ideal support to organise all tools necessary for colour reproduction and control.

Lechler MAP

guides the operator in the search for formulations, including customised formulations and in many other functions.

AT THE CUSTOMER'S SERVICE

Centre for Excellence

is intended for training and professional updating with candidates attending the CFE or through dedicated online courses and a prompt technical and instrumental assistance both in the field and by phone.

The website www.lechler.eu

allows you to access to information on products, courses and industry news, as well as technical and safety documentation, available for download.

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UNI EN ISO 14001:2015



SISTEMI DI GESTIONE
CERTIFICATI

