

FLUO COLOURS

29F01 CB LECHSYS FLUO FUXIA
29F02 CB LECHSYS FLUO ORANGE
29F03 CB LECHSYS FLUO STRONG RED
29F05 CB LECHSYS FLUO SOLAR YELLOW

DESCRIPTION

Concentrated base colours useable in the Lechsys Effect system following the relevant colour formulations in mixture with 1K and 2K binders to obtain colours with fluorescent effect. They are available in 4 different colours with very high brightness.

USE

FLUO finishes are obtainable in three-coat painting processes when you wish to highlight the design and the object's form through an effect, drawing attention with intensity, originality and flashiness. They are ideal for manufactured items and objects of the habitat field, lighting hardware, handles, sporting equipment, as well as to give safety/help components and manufactured items high visibility.

NOTE: The composed colours with Fluo base colours are not suitable for painting manufactured items permanently exposed outside as they have low UV resistance. Therefore you have to previously evaluate the fields of use and the sunlight exposure times of the substrates you wish to paint.

CHARACTERISTICS

- Fluorescent effect with high visibility
- Perfect colour matching of all FLUO colours of the RAL norm
- Easy application with three-coat painting processes

SUBSTRATE PREPARATION


The fluorescent power can be obtained with the product application on a white primer. It is ideal to use DS20052 DUAL PRIMER BIANCO or 04559 ACRIPUR PRIMER BIANCO as first priming coat directly on the substrates requiring the direct use of these two primers. For all other materials you have to prepare the substrate with a suitable primer.

APPLICATION

By spray and airmix.

Mixing ratio:

Fluo colours can be obtained by following the formulations available in the SW Lechler Explorer® (Manufacturer RAL 840 HR) or through customised formulations according to the instructions of the binder's technical data sheet.



NOTE: The pigments used in the FLUO base colours have a low covering power. Thinner or thicker coats tend to obtain lighter or darker colours and the film thickness affects the durability over time. Moreover, as they are applied in three-coat painting process, the primer colour affects the final colour.

DRYING TIME

Following the instructions of the reference binder's technical data sheet.

OVERCOATING

FLUO colours must be overcoated with clearcoats.

It is possible to over apply glossy, matt or soft-touch clearcoats for two-coat systems of our product range.

These colours have a low outside resistance (a few months). To slightly improve the resistance over time, it is advisable to add to the clearcoat 5% of 33333 UV PLUS ADDITIVE or 3% of BC000 UV ABSORBER ADDITIVE.

OBSERVATIONS

FLUO base colours are mixable with each other as well as slightly colourable with other base colours of the LECHSYS EFFECT system.

In any case we recommend to limit this last solution as base colours addition causes a brightness drop and a further reduction in resistance over time.

The mixtures composed of Fluo base colours + Binder have a limited stability: therefore we recommend their use after a short while from their preparation and to avoid stocking colours.

Due to the pigment's low covering power and to dirt from the environment during painting, some contamination problems could arise, showing as black spots in the sprayed film after the glossy clearcoats have been applied.

In painting processes with glossy finishes we recommend, therefore, you use these base colours only for painting small objects and items.

TECHNICAL DATA SHEET N° 0681-GB
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