



PAINT PVC WITH LECHLER

To embellish manufactured items with colours and effects and to improve performance and resistances



Wherever paint matters!



WHY IS PVC ONE OF THE MOST POPULAR PLASTICS IN THE FIELD OF BUILDING?

- It has a good resistance to scratches and shocks
- It has excellent thermal insulation properties
- It has a good mechanical stability (items do not deform)
- Good weather and chemical resistance
- It can be easily shaped: it allows to create doors, gates, windows, verandas and other manufactured items

WHY SHOULD WE PAINT PVC WITH LECHLER?

- Trendy colours
- Innovative effect finishes
- Usage of certified products
- Improvement of physical and mechanical characteristics
- Products to be used in industrial systems or manually
- Technical solutions for both rigid and flexible PVC

“PAINT PVC WITH LECHLER”

1. Choose the colour from the Architectural Colour Collection, among 152 solid and metallic colours selected for the building market
2. Find the formulation and mix products thanks to the management software Lechler Map and the supporting equipment
3. Apply the product! It is easy thanks to our solutions with direct adhesion, for both manual and industrial application

SEE OUR VIDEOS



PAINT PVC!



Paint PVC with LECHLER



PAINT PVC WITH LECHLER:

ADVANTAGES

Trendy colours and innovative effect finishes for a homogeneous surface aspect improve the value of the manufactured item and its possibility to be successful in the world of design. Usage of certified products guarantees high reliability and sustainability of technological proposal and improvement of physical and mechanical characteristics (scratch and abrasion resistance) to increase durability to atmospheric agents and ageing.

Products can be used in industrial systems or manually with fast, safe and cheap processes for every need. Technical solutions with direct adhesion can be used on both rigid and flexible PVC.

CERTIFIED PRODUCTS AND PAINTS ABLE TO LIMIT HEAT BUILD-UP

QB CERTIFIED PRODUCTS

(N° 1008-607P of 31st October 2018, N° 1008-613P of 16th January 2019)

Framecoat PVC LS 282, Framecoat PVC Matt LS 472 and Hydro Framecoat PVC Flex LH 282 obtained the QB Profilés PVC Revêtus Certificat.

The QB mark (from French “Quality in Building”), certification mark of CSTB (Centre Scientifique et Technique du

Bâtiment), is a reference point for quality, high performance and reliability of products used in production and building processes.

The certification has been obtained since these products passed several tests concerning mechanical, chemical and chemical-physical properties and durability of manufactured items, executed on a representative range of colours and thanks to the positive evaluation of the Certification Authority on processes linked to formulation, development, production and quality control of products.

Obtaining this certification is extremely important, because it ensures high-quality technical solutions, completing the whole production chain of manufactured items in PVC with a reliable, monitored and certified process, including all the phases, from the extrusion of the plastic grain to the painting process.

The certification has value in the European market, but especially in the French one.



STATE-OF-THE-ART LABORATORY FOR PVC TECHNOLOGY

The set of tools for research and development laboratories of Lechler includes now also equipment to measure heat build-up. This tool allows to measure the increment of temperature compared to room temperature under controlled and reproducible situations according to ASTM D 4803 (Standard Method for Predicting Heat Build-up in PVC Building Products) of a sample exposed to irradiation through a specific lamp that reproduces the effect of Sun light.

This exclusive technology allows to optimise the absorption of Sun's heat of a manufactured item painted with dark colours, improving its mechanical and dimensional durability (it does not deform) and energy consumption (substrates that do not heat up).

Lechler proposes a range of medium/dark colours, formulated with the tinters 29511 Lechsys Military Black and YD511 Lechsys Hydro Military Black that reduce absorption of solar irradiation.



TRENDY COLOURS, INNOVATIVE EFFECTS

ARCHITECTURAL COLORS COLLECTION

It is a collection composed of 123 solid colours and 29 effect colours, available in both gloss and satin matt versions. Every colour proposed has been developed after a study of the most used and most representative colours in the field of interior design.

Pigments of the Architectural metallic colours employ the HR (High Resistance) tinters 29691 - 29692 - 29694 - 29696. To improve scratch resistance texture additives to use are 29502 - 29503 - 29504.

This is just a part of the entire proposal for outdoor usage, collected under the manufacturer Architectural in the software Lechler MAP.

LECHLER COLOUR FOR OUTDOOR USAGE

Architectural colours are inspired by the most popular colour references used in Europe and North America in this sector; at the same time they optimised their durability and outdoor resistance.

PVC TREND CASE

Display that inspires and suggests solutions to customise colours and finishes by painting architectural elements in PVC for indoor and outdoor usage, such as frames, doors and panels.




**LECHLER
TECH**
Wherever paint matters!

TECHNICAL SOLUTIONS

WATERBORNE CYCLES WITH DIRECT ADHESION



LH282 HYDROFRAMECOAT PVC FLEX

Two-pack satin matt acrylic enamel (25-35 gloss) for solid colours.



LH943 HYDROPLAST SEMI GLOSSY WS

Two-pack semi-gloss (30-40 gloss) acrylic enamel for metallic effects.



LH204 HYDROPLAST MATT

Two-pack matt acrylic enamel for solid colours.



LH203 HYDROPLAST GLOSS

Two-pack gloss (>80 gloss) acrylic enamel for solid colours.



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SOLVENT-BASED CYCLES WITH DIRECT ADHESION



LS282 FRAMECOAT PVC

Two-pack acrylic semi-gloss (40-50 gloss) enamel for solid colours.



LS472 FRAMECOAT PVC SATIN MATT

Two-pack acrylic satin matt (20-25 gloss) enamel for solid colours.



LS943 2K PLASTICGRIP WS

Two-pack acrylic semi-gloss/gloss (40-60 gloss) enamel for metallic effects.



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