

LUKAS CRYL STUDIO



Fine Artists' Acrylic Colour

The Professional All round Colour for the Acrylic Painter

Introduction

Since 1862, Dr. Fr. Schoenfeld and LUKAS have been a sign of top quality artist's colours. Even Vincent van Gogh, as can be proved, has used the products of our house - the well known master ordered the popular colour extra from Düsseldorf.



Up to the current day numerous artists all over the world trust the over 140-year-old tradition of our house. We also do not breach this trust in the modern area of acrylic painting, in which the company LUKAS has a pioneer roll. As one of the first manufacturers of artists's colours on the European continent, in 1964 LUKAS offered an acrylic colour to satisfy the demand from artists for a modern, water-mixable, quick drying artist colour: LUKAS Cryl pastos.

With LUKAS CRYL STUDIO fine artists' acrylic colour we offer the beginner and the user of large quantities a remarkable low price, but still high quality alternative. This acrylic colour was developed after the newest knowledge of the pigment and binding agent researches. Only high quality artists' pigments in a high-elastic acrylate are used.

Characteristics

Good covering power is ensured through a high concentration of valuable pigments, significantly higher than typical economic colours.

Pigments used guarantee **good levels of light fastness**. No colour has a lower light fastness than 6-7 on the internationally standardised 8-step wool scale (Exception are the Fluorescent and Glow in the Dark colour, technical conditioned).

The exclusive use of high quality acrylics as a binder guarantees **an excellent absorption** on a great variety of surfaces such as cardboard, canvas, plastics, glass, as well as high elasticity and tensile strength. This enables a work in thick layers without the risk of cracking.

The colour has a medium consistency to allow the most variable application, from an easy, extensive colour application up to a slight structure.

The average drying time is 20 minutes with a brush stroke thickness of 100 µm.

LUKAS CRYL STUDIO can be mixed with all LUKAS acrylic colour assortments (LUKAS CRYL pastos, LUKAS CRYL liquid, LUKAS Illu-Color, LUKAS ACRYL-PAINT) and with the LUKAS painting mediums for acrylic colours.

One of the greatest advantages of these colours is the remarkably low price compared to the paints intensity and covering power, particularly when being used in large volume.

Effects of adding LUKAS painting mediums to acrylic colours

The drying time can be nearly **doubled by adding 10% of the LUKAS Acrylic Retarder** (article no. 2262).

The Transparent Acrylic Gel, (article no. 2261) makes acrylic colours **more transparent** without taking away structure/texture of the paint. It can be applied either mixed into the colour or as a glaze.

For the preparation of relief structures, Studio-Modeling Paste universal (art. no. 2264), Modeling Paste with sand, extra coarse (art. no. 2266), or Light Structure Paste (art. no. 2265) can be used. All of these can be mixed with colour or they can be over painted.



The use of LUKAS Spray Films, Varnishes and Laquers will give the surface the desired effect (gloss, silk brilliant or matt) and these products protect the paintings from dirt and other negative environmental influences.

What has to be considered when using LUKAS CRYL STUDIO ?

LUKAS CRYL STUDIO should never be exposed to frost and should not be used by temperatures under 15°C as otherwise the colour has no stable colour-film and the risk of cracking may arise.

Every acrylic binder is an acrylic resin dispersion which appears milky in wet state. After drying the colours brightens up and the brilliance will be intensified.

Due to the quick drying process, all painting tools such as brushes, palettes, etc should be cleaned with water immediately after use. Once the colour is dry, it can not be removed. This is especially important for stains on garments, carpets, furniture, etc.

What are the basic colours, mediums and equipment to start work with LUKAS CRYL STUDIO?

Colours: Initially we recommend the following colour shades: Titanium White, Lemon Yellow, Magenta Red, Cyan Blue, Yellow Ochre light and Iron Oxide Black.

Brushes: Brushes are important tools for the artists. They influence the artist's technique. A good quality brush is of great importance. For a painting with a regular thick colour application we suggest using a bristle brush. This will result in clearly visible brush strokes.

For beginners, we recommend LUKAS Studio bristle brush (art. no. 5483) and LUKAS Red-Taklon brush (art. no. 5441), in the sizes 4, 8 and 12. Where colour and glazes are applied more thinly, a thicker haired brush is necessary. Initially, we recommend the round LUKAS Red-Taklon brush (art. no. 5454) in the size 6.



Painting surfaces: Easy and safe to use are all ready prepared LUKAS surfaces, for example stretched canvas, cotton-painting boards, acrylic pads and other painting boards. These are all ready to paint, no preparation is required.

Painting accessories: These comprise palettes and palette dippers for mixing of colours or adding of mediums. For acrylic painting, plastic or paper palettes are particularly useful.



Easels: Acrylic paintings are usually painted upright. Therefore an easel is needed as a support. For the beginner we recommend either the LUKAS sketching-easel (art. no. 5590C) or the LUKAS academy-easel (art. no. 5591C).

Which painting techniques are LUKAS CRYL STUDIO suitable for?



Application in a water-colour type: such as in the wet-in-wet technique, as well as in the classic water-colour technique on dry paper. The colour have to be diluted with plenty of water.



Application in a normal covering type: in the style of the Gouache or Tempera painting in which covering colour surfaces are set side by side. Lightening of the colours by addition of White.



Application with structures in an oil-painting type: by using LUKAS Structure Pastes. More or less strong structures can be worked out on the surface, up to relief structures.

The fine Artists' Acrylic Colour from LUKAS
 – revised and once more improved

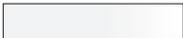
The colour range: Available is the well-balanced spectrum of now 60 shades, in tubes (20ml, 75ml), plastic bottles with proportion cap (250ml, 500ml) or buckets (2l, 5l) – please see detailed information about the available sizes in the colour chart.

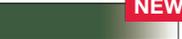
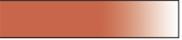
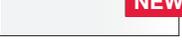
Characteristic of the new LUKAS CRYL Studio assortment at first sight:

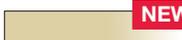
- In total **60 colour shades**
 - 38 classical shades (including 17 new ones)
 - 10 effect colours (Metallic, Fluorescent & Glow in the Dark)
 - 12 top modern Trend colours
- once more **improved recipes**
 - higher number of one-pigment-shades for improved mixing-behaviour
 - optimized sedimentation behaviour in the bottle
- **Professional Sizes** with particularly positive price-performance relation (24 shades in 2L and 8 shades in 5L buckets)

Table with a list of changes in the LUKAS CRYL STUDIO assortment

Art-No.	Colour Name	Notes/Changes
4612	Gold	different shade, more opaque
4613	Silver	different pigment, more opaque
4628	Cadmium Yellow deep	shade discontinues
4629	Cadmium Orange	changed shade, (more yellowish)
4672	Cadmium Red light	changed shade, (more yellowish)
4712	Van Dyck Brown	new name: Burnt Umber, art. no. 4711
4733	Paris Blue	new name: Prussian Blue, art. no. 4734
4753	Oxide of Chromium	new name: Olive Green, art. no. 4757

 Titanium White 20ml, 75ml, 250ml, 500ml, 2l, 5l 4608 [] /☆☆☆ PW6	 Beige 75ml, 250ml, 500ml 4609 [] /☆☆☆ PW6/PY42	 Flesh Colour 75ml, 250ml, 500ml, 2l 4622 [] /☆☆☆ PW6/PY42/PR112
 Lemon Yellow (Primary) 20ml, 75ml, 250ml, 500ml, 2l, 5l 4620 [] /☆☆☆ PY3	 Cadmium Yellow (hue) 20ml, 75ml, 250ml, 500ml, 2l, 5l 4626 [] /☆☆☆ PY74	 Naples Yellow 75ml, 250ml, 500ml 4634 [] /☆☆☆ PW6/PY3/PY42
 Indian Yellow 75ml, 250ml, 500ml, 2l 4624 [] /☆☆☆ PY74/PR112	 Cadmium Orange (hue) 75ml, 250ml, 500ml, 2l 4629 [] /☆☆☆ PY74/PR112	 Cadmium Red light (hue) 75ml, 250ml, 500ml, 2l 4672 [] /☆☆☆ PY74/PR112
 Vermilion 75ml, 250ml, 500ml 4686 [] /☆☆☆ PR112	 Cadmium Red deep (hue) 20ml, 75ml, 250ml, 500ml, 2l, 5l 4674 [] /☆☆☆ PR112/PR122	 Carmine 75ml, 250ml, 500ml 4661 [] /☆☆☆ PR146
 Magenta Red (Primary) 20ml, 75ml, 250ml, 500ml, 2l, 5l 4650 [] /☆☆☆ PR122	 Alizarine Crimson 75ml, 250ml, 500ml 4666 [] /☆☆☆ PR146/PBk11	 Mauve 75ml, 250ml, 500ml 4729 [] /☆☆☆ PR146/PV23
 Permanent Violet 75ml, 250ml, 500ml, 2l 4732 [] /☆☆☆ PV23	 Cyan Blue (Primary) 20ml, 75ml, 250ml, 500ml, 2l, 5l 4720 [] /☆☆☆ PW6/PB15:3	 Cerulean Blue 75ml, 250ml, 500ml, 2l 4721 [] /☆☆☆ PW6/PB15:3/PG7
 Cobalt Blue (hue) 75ml, 250ml, 500ml, 2l 4725 [] /☆☆☆ PB15:3/PB29	 Ultramarine 20ml, 75ml, 250ml, 500ml, 2l, 5l 4737 [] /☆☆☆ PB29	 Phthalo Blue 75ml, 250ml, 500ml 4745 [] /☆☆☆ PB15:1
 Prussian Blue 75ml, 250ml, 500ml, 2l 4734 [] /☆☆☆ PB15:1/PBk7	 Turquoise 75ml, 250ml, 500ml, 2l 4724 [] /☆☆☆ PW6/PB15:3/PG7	 Chrome Green light 75ml, 250ml, 500ml, 2l 4751 [] /☆☆☆ PY3/PG7

 <p>Permanent Green light 75ml, 250ml, 500ml, 2l</p> <p>4763 ☑/☆☆☆ PY3/PG7</p>	 <p>NEW</p> <p>Sap Green 75ml, 250ml, 500ml</p> <p>4765 ☑/☆☆ PY3/PY83/PG7</p>	 <p>Viridian (Phthalo) 20ml, 75ml, 250ml, 500ml, 2l</p> <p>4754 ☑/☆☆☆ PG7</p>
 <p>Green Earth 75ml, 250ml, 500ml</p> <p>4758 ☑/☆☆ PY83/PG7/PBk11</p>	 <p>NEW</p> <p>Olive Green 75ml, 250ml, 500ml</p> <p>4757 ☑/☆☆☆ PG17</p>	 <p>Yellow Ochre light 20ml, 75ml, 250ml, 500ml, 2l</p> <p>4631 ■/☆☆☆ PY42</p>
 <p>NEW</p> <p>Brown Ochre 75ml, 250ml, 500ml</p> <p>4702 ☑/☆☆☆ PY42/PR101/PBk11</p>	 <p>Raw Sienna 75ml, 250ml, 500ml, 2l</p> <p>4639 ■/☆☆☆ PY42/PR101</p>	 <p>Burnt Sienna 20ml, 75ml, 250ml, 500ml, 2l</p> <p>4709 ■/☆☆☆ PY42/PR101/PBk11</p>
 <p>NEW</p> <p>Burnt Umber 20ml, 75ml, 250ml, 500ml, 2l</p> <p>4711 ■/☆☆☆ PR101/PBk11</p>	 <p>NEW</p> <p>Raw Umber 75ml, 250ml, 500ml</p> <p>4710 ■/☆☆☆ PY42/PR101/PBk11</p>	 <p>NEW</p> <p>Indigo 75ml, 250ml, 500ml</p> <p>4722 ■/☆☆☆ PV23/PB15:1/PBk7</p>
 <p>NEW</p> <p>Payne's Grey 75ml, 250ml, 500ml</p> <p>4784 ■/☆☆ PR146/PG7/PBk11</p>	 <p>Iron Oxide Black 20ml, 75ml, 250ml, 500ml, 2l, 5l</p> <p>4799 ■/☆☆☆ PBk11</p>	 <p>Gold 75ml, 250ml, 500ml</p> <p>4612 ☑/☆☆☆ Pearlescent Pigment</p>
 <p>Silver 75ml, 250ml, 500ml</p> <p>4613 ☑/☆☆☆ Pearlescent Pigment</p>	 <p>Copper 250ml</p> <p>4614 ☑/☆☆☆ Pearlescent Pigment</p>	 <p>NEW</p> <p>Glow in the Dark Hummingbird-Green 250ml</p> <p>4607 ☐/relative light fast Photoluminescent Pigment</p>
 <p>NEW</p> <p>Fluorescent Reflex White 250ml</p> <p>4601 ☐/relative light fast Daylight Pigment</p>	 <p>NEW</p> <p>Fluorescent Lemon Yellow 250ml</p> <p>4602 ☐/relative light fast Daylight Pigment</p>	 <p>NEW</p> <p>Fluorescent Signal Red 250ml</p> <p>4603 ☐/relative light fast Daylight Pigment</p>
 <p>NEW</p> <p>Fluorescent Magenta 250ml</p> <p>4604 ☐/relative light fast Daylight Pigment</p>	 <p>NEW</p> <p>Fluorescent Green 250ml</p> <p>4605 ☐/relative light fast Daylight Pigment</p>	 <p>NEW</p> <p>Fluorescent Blue 250ml</p> <p>4606 ☐/relative light fast Daylight Pigment</p>

 <p>NEW</p> <p>Pastel Yellow 250ml</p> <p>4621 ☑/☆☆ PW6/PY74</p>	 <p>NEW</p> <p>Apricot 250ml</p> <p>4623 ☑/☆☆ PW6/PY74/PR112</p>	 <p>NEW</p> <p>Rose 250ml</p> <p>4649 ☑/☆☆ PW6/PR112/PR122</p>
 <p>NEW</p> <p>Lavender 250ml</p> <p>4730 ☑/☆☆ PW6/PV23</p>	 <p>NEW</p> <p>Terracotta 250ml</p> <p>4655 ☑/☆☆ PR101/PR112</p>	 <p>NEW</p> <p>Caramel 250ml</p> <p>4632 ☑/☆☆☆ PY42/PBk11</p>
 <p>NEW</p> <p>Sand 250ml</p> <p>4610 ☑/☆☆☆ PW6/PY42/PR101/PBk11</p>	 <p>NEW</p> <p>Fern 250ml</p> <p>4752 ☑/☆☆ PW6/PY42/PY74/PG7/PBk11</p>	 <p>NEW</p> <p>Arctic 250ml</p> <p>4723 ☑/☆☆ PW6/PY42/PG7/PBk11</p>
 <p>NEW</p> <p>Mint 250ml</p> <p>4762 ☑/☆☆ PW6/PG17</p>	 <p>NEW</p> <p>Light Grey 250ml</p> <p>4785 ☑/☆☆ PW6/PB15:1/PV23/PBk7</p>	 <p>NEW</p> <p>Steel Blue 250ml</p> <p>4744 ☑/☆☆ PW6/PB15:1/PV23/PBk7</p>

Pigment name The two letters in front of the digits determine the type of colourant used (pigment, dye etc.) and the following digits the type of pigment.

Opacity ☐ = transparent ☑ = semi-transparent
 ☑ = semi-opaque ■ = opaque

Light fastness ☆☆☆ = very high light fastness (7-8 on the blue wool scale)
 ☆☆☆ = high light fastness (6-7 on the blue wool scale)



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