 **LUKAS**
GOUACHE
ART & DESIGN



Finest Artists' Gouache

Finest Opaque Matt Drying Watercolour

Introduction

Since 1862 Dr. Fr. Schoenfeld and LUKAS Artists' Colours 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. A confidence, which we also do not disappoint in the production of the LUKAS Gouache Art & Design assortment. Since, for the unmistakable character of an opaque water colour painting, the correct material is of great importance. Therefore, we apply the highest standards to our products. Standards which are also in the foreground of the development and production of our LUKAS Gouache Art & Design. On that principle, we created an opaque matt drying water colour which fulfils the highest demands and convinces the amateur painter as well as the graphic designer.

Characteristics

High Covering Power is a characteristic for an excellent gouache colour. By the use of selected pigments, LUKAS Gouache Art & Design fulfils this demand in every respect.

High Quality Artist's Pigments are used in all shades in high concentration, so we can achieve the special **Colour Intensity** of our LUKAS Gouache Art & Design.

The Good Mixing Behaviour distinguishes the colour as well – an advantage also for the application in the area of the chromatics.

The High Lightfastness of the used pigments speaks for itself: Almost all shades have a good up to very good lightfastness (6 to 8 on the 8-step blue wool scale). There is only one exception: Violet Bluish (art.no. 8142) which includes fluorescent pigments, but here the main attention was put on an outstanding brilliance.

The Excellent Fluidity and an **even Flow Out** are other distinguishing characteristics of LUKAS Gouache Art & Design. Pure gum arabic and a special high quality dextrin solution are used as binder.

What belongs to a good Basic Equipment?

Colours: A good basic equipment for the gouache painting offers the sliding box of LUKAS Gouache Art & Design (art. no 6548) with 12 colour tubes à 20 ml. It contains not only different Yellow, Red, Blue, Green and Brown shades, but also always a tube Opaque White and Black. With this colour equipment you can mix easily other shades (see: Mix colours - but how?). However, it has to be considered that with self-mixed gouache shades, you usually cannot reach the brilliance and colour effect of the specially produced original LUKAS Gouache Art & Design shade. Therefore we recommend to buy – if desired – additional high-quality shades from our colour palette instead of mixing your own shades.



Brushes: Basically it is possible to use every brush to work with LUKAS Gouache Art & Design – in this point the colour is a real all-round-talent. Good results can be reached if you use bristle brushes for large surfaces (e.g., art. no 5483). For finer works brushes, as used for water colour painting, are the first choice (e.g., art. no 5451). A good brush is able to hold a lot of colour and to deliver it during work in the desired amount.



Painting Surfaces: Here LUKAS Gouache Art & Design turns out to be very versatile. The following surfaces are suitable, for example, LUKAS outlined painting boards (mounted with oil painting paper), LUKAS cotton painting boards, stretched canvas or also different LUKAS watercolour papers. In case you use wooden plates or fabrics as a surface, for example linen or cotton, we recommend to prime it with our LUKAS White Primer / Gesso (art. no 2335), so that a good adhesion of the colour on the surface is guaranteed.

Accessories for Gouache Painting: In the LUKAS range of products you find various accessories which are optimally adjusted for the work with LUKAS Gouache Art & Design and which fulfil the needs and demands of the artists. For example, palettes are available in all imaginable variants which facilitate the mixture of shades. Your retailer will help you to combine your individual equipment which leaves no wishes open.

Mediums

The thinner for gouache colour is just simple water. However, for special tasks there are also some other useful mediums:

Masking Fluid: To cover parts which are not to be painted you can use our "Masking Fluid" for watercolours (art. no. 2239). The areas that are coated with this medium will not absorb any colour. It can be simply removed with a soft eraser or rubbed off with a finger.

Wetting Agent or Synthetic Ox Gall: The surface tension of water can be reduced by the addition of wetting agent (art. no. 2255), or synthetic ox-gall (art. no. 2256). In this way, you can improve surfaces that are slightly greasy or badly absorbent.

Gum Arabic: A better adhesion of the Gouache colour on the surface can also be reached by the addition of the binder gum arabic (art. no. 2352). But this medium increases also the brilliance and this contradicts the normal matt gouache character.

Shellac Soap: Normally, water colours remain water soluble after drying. By adding shellac-soap (art. no. 2350) to the water, you can reduce this water solubility so that over painting is possible.

LUKAS Sprayfilm matt, LUKAS CRYL Varnish matt: Should a finished gouache painting be protected with a varnish, some caution is needed for the choice of the varnish: varnishes change the characteristic velvety surface of the gouache clearly. We recommend from the wide LUKAS assortment the LUKAS spray film matt (art. no. 2322) or the LUKAS CRYL varnish matt (art. no. 2208). If you want to use a varnish, we recommend that you do a pre-test in every case. This avoids that the painting might turn "greyish" or that the Gouache does become an unwanted „brilliance piece“.

Mix Colours – but how?

As Gouache colours can be mixed so well with each other they are extremely suitable to produce quite individual favourite shades. You just need LUKAS Gouache Art & Design colours and some theory:

Particularly important for the mixture of shades are the three so-called primary shades. These basic shades are Primary Yellow, Primary Blue (Cyan) and Primary Red (Magenta). If you mix two of these colours with each other in **Relation 1:1**, the secondary colours Red Orange, Green and Violet appear.



If you mix two Primary Shades in Relation 2:1, you get 6 additional shades. In this way you gradually come to the whole spectrum of the rainbow.



As the world consists not only of rainbow colours, you still need in addition Opaque White and Ivory Black from LUKAS Gouache Art & Design range. With these colours it is possible to make every shade brighter or darker.

Just do some experiments! In this way you can develop many own shade variants.

Tip: do not start necessarily with brown shades - they are rather difficult to mix.



The Sizes

























The Colour Palette of LUKAS Gouache Art & Design are all available in 20 ml tubes. A selection of shades is also available in 75 ml tubes and/or 500 ml pots.








The Colour Palette

Our LUKAS Gouache Art & Design range consists of 48 carefully developed shades. The special quality of our top range of covering water colour is supported by the extensive colour palette. The designer and artist can therefore fall back on pure and colour-intensive shades in highest possible choice.

Opaque White 20ml, 75ml, 500ml 8007 ☆☆☆ PW5, PW6	Flesh Colour 20ml 8050 ☆☆ PW5, PY1, PR3	Brilliant Yellow 20ml 8011 ☆☆ PW5, PY1, PY3
Primary Yellow (Yellow) 20ml, 75ml, 500ml 8024 ☆☆ PY3	Cadmium Yellow light 20ml, 500ml 8026 ☆☆ PY1	Cadmium Yellow medium 20ml 8027 ☆☆ PY1, P062
Cadmium Yellow deep 20ml 8028 ☆☆ PY1, P062	Yellow Orange 20ml 8030 ☆☆☆ P062	Cadmium Orange 20ml 8029 ☆☆ P062, PR4
Cinnabar Red light 20ml 8085 ☆☆ PR4	Cadmium Red light 20ml 8072 ☆☆ P034, PR9	Cadmium Red deep 20ml 8074 ☆☆ PR9, PR12
Cinnabar Red deep 20ml, 500ml 8086 ☆☆ PR3	Carmine Red 20ml 8061 ☆☆ PR170, PR12	Primary Red (Magenta) 20ml, 75ml, 500ml 8060 ☆☆☆ PR122, PV19
Alizarin Crimson 20ml 8066 ☆☆ PR12, PR112, PR176	Violet bluish 20ml 8142 Fluorescent Pigment PB15:1, PV2	Prussian Blue 20ml, 500ml 8134 ☆☆☆ PB29, PG18, PBk7

 Ultramarine deep 20ml, 500ml 8137 ☆☆☆ PB29, PV23	 Ultramarine light 20ml 8135 ☆☆☆ PB29	 Permanent Blue medium 20ml 8147 ☆☆☆ PB15:1, PB28
 Cobalt Blue 20ml, 500ml 8126 ☆☆☆ PB29, PG7, PW5	 Sky Blue 20ml 8138 ☆☆☆ PW5, PB29	 Primary Blue (Cyan) 20ml, 75ml, 500ml 8121 ☆☆☆ PB15:3
 Brilliant Green Blue 20ml 8131 ☆☆☆ PB16	 Azure 20ml 8120 ☆☆☆ PB15:3	 Cinnabar Green lightest 20ml 8172 ☆☆ PY1, PG7
 Zinc Green light 20ml 8175 ☆☆☆ PY3, PY42, PB16	 Permanent Green light 20ml, 500ml 8163 ☆☆☆ PY1, PG7, PY3	 Medium Green 20ml 8169 ☆☆☆ PY3, PY42, PB16, PG7
 Deep Green 20ml, 500ml 8174 ☆☆☆ PY3, PG7	 Permanent Green deep 20ml 8164 ☆☆☆ PG7	 Oxide of Chromium 20ml 8153 ☆☆☆ PG17
 Cinnabar Green deep 20ml 8173 ☆☆☆ PY1, PB16	 Viridian 20ml 8154 ☆☆☆ PB15:3, PG7	 Bohemian Green Earth 20ml 8157 ☆☆☆ PY42, PG17, Earth Pigment
 Yellow Ochre 20ml, 75ml, 500ml 8031 ☆☆☆ PY1, PY42	 Raw Sienna 20ml 8039 ☆☆☆ PY42, PR101	 Burnt Sienna 20ml 8109 ☆☆☆ PY42, PR101
 English Red light 20ml 8054 ☆☆☆ PY42, PR101	 Caput Mortuum deep 20ml 8052 ☆☆☆ PR5, PR101, PR176, PB29	 Burnt Green Earth 20ml 8104 ☆☆☆ PR101, PBk7, Earth Pigment

 Burnt Umber 20ml 8111 ☆☆☆ PY74, PR176, PBk7	 Van Dyck Brown 20ml, 500ml 8112 ☆☆☆ PR101, PBk7, Erdpigment	 Warm Grey 20ml 8185 ☆☆☆ PW6, PY42, PBk7
 Cold Grey 20ml 8195 ☆☆☆ PW6, PG7, PBk7	 Payne's Grey 20ml 8184 ☆☆☆ PR176, PB29, PBk7	 Ivory Black 20ml, 75ml, 500ml 8182 ☆☆☆ PBk7, PBk9

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

Lightfastness: ☆☆☆ = very high lightfastness (7-8 on the blue wool scale)
 ☆☆☆ = high lightfastness (6-7 on the blue wool scale)



LUKAS

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Your Retailer: