Berlin.

A number of artists have problems using traditional oil colours since they have allergic reactions to solvents (e. g. turpentine) or work in small areas, where proper ventilation is an issue. These artists have contacted us with their wish to develop a colour, which has the proven characteristics of LUKAS Artists' Oil Colours without the need of using hazardous solvents. We followed these requests with the development of LUKAS BERLIN.

LUKAS BERLIN is a real Oil Colour using binders of pure deslimed and bleached linseed and sunflower oils and the same high quality pigments, as they are used in the other LUKAS Artists Oil Colour ranges. However, a part of the oils used as binder were modified in such a way that they bind and do not repel water. Therefore, it is possible to mix LUKAS BERLIN with water. In the drying process the water evaporates first out of the paint film – like traditional oils – then the oxidative cross linking of oleaginous binders follows. In this way LUKAS BERLIN becomes water and turpentine oil insoluble

The formulation of LUKAS BERLIN, i.e. the selection of raw materials and the manufacturing process are in a way that the colour behaves like genuine oil colour with the exception: the water miscibility!

Proven Lightfastness: The pigments used are exclusively chosen artist's quality pigments, which have the highest colour strength, purity, and especially proven permanency. This pigment selection and the high pigment concentration, guarantees the best colour strength, brilliance and luminosity of LUKAS BERLIN.



Drying Time: The surface drying time for all shades is between 5 and 7 days. The same slow oxidation process takes place during the drying time. Therefore, heavy impasto painting may require up to one year to be completely dry, depending on the thickness of the layers and the pigment. The colour brilliance is in the wet as well as in the dry state consistently.

Consistency: LUKAS BERLIN contains a small proportion of beeswax, like the other LUKAS Artists' Oil Colour ranges, which give the **buttery consistency** and the typical satin brilliance. Moreover, it contributes to a more resistant picture surface and facilitates easier varnishing and cleaning of the painting as confirmed by leading restorers.

Dilution Behaviour: LUKAS BERLIN has the same thinning characteristics as classic oil colours. By adding small amounts of water a considerable dilution appears. In contrary to classical oil colours LUKAS BERLIN must not be thinned with mediums including solvents (turpentine, citrus turpentine, other painting mediums), but simply with water. Clean up is easy with just soap and water.

Mixing Behaviour: LUKAS BERLIN can be mixed without a problem with all classic oil colours, but it loses the water miscibility benefit. You can also mix LUKAS BERLIN with Acrylics or Gouache colours. (Note: cracking may take place if not completely mixed; do not work impasto with Gouache colours). Mixing with airbrush colours (1:1 with water) can produce interesting results.

Which Mediums are available for LUKAS BERLIN?

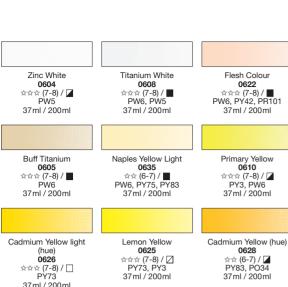
LUKAS BERLIN Linseed Oil modified (art. no. 2250) is a drying retarder and makes the colour "more fat". Therefore it is suitable for the wet-onwet technique. It can also be used to produce your own water mixable oil colours.

The same applies for **LUKAS BERLIN Stand Oil modified** (art. no. 2251). Furthermore it adds gloss to the colours.



LUKAS BERLIN Medium 3 modified (art. no. 2252), acts as an accelerator and makes the colours "lean". The emulsifying characteristics of this medium may lead to slight whitening during painting but will disappear completely during the drying process.

Beyond that, all other LUKAS oil painting mediums in small concentrations (up to 30%) are useable and will achieve the same result as with classic LUKAS Oil Colours, without losing the water miscibility. By adding larger amounts of mediums (over 30%), water miscibility will completely disappear. Mediums should be shaken before use, carefully mixed with the colour and if required, add water for thinning.



Vermilion (hue)

0686

☆☆ (6-7) / 🗷

PO34, PR112

37ml / 200ml

Magenta Red (Primary)

0650

☆☆☆ (7-8) / ☑

PV19, PW6

37ml / 200ml

0627

37ml

PB15

37ml











PB15, PG7

37ml

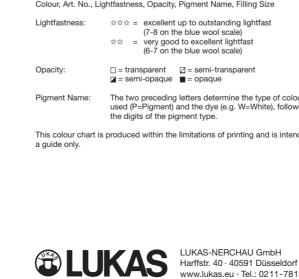






PB15, PBk9

37ml / 200ml





0654

☆☆☆ (7-8) / □

PG7

37ml / 200ml

Yellow Ochre

0631

☆☆☆ (7-8) / ■

PY42

37ml / 200ml

Burnt Umber

0611

☆☆☆ (7-8) / 🗷

PBk9

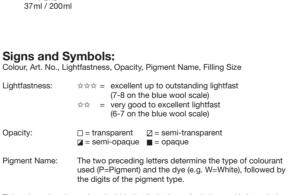
37ml / 200ml

Payne's Grey

0684

☆☆☆ (7-8) / ☑ PB29. PBk7

37ml / 200ml



Permanent Green Light

0663

☆☆☆ (7-8) / ☑

PY3, PG7, PY42

37ml

Olive Green

0657

☆☆☆ (7-8) / □

PY73, PR177, PG7

37ml / 200ml

Burnt Sienna

0609

☆☆☆ (7-8) / 🗸

PR101 Trans, PR101

37ml / 200ml

Van Dyck Brown (hue)

0612

☆☆ (6-7) / **△** PBk9. PBr7. PR170

37 ml

Cinnabar Green lightest

(hue)

0673

☆☆ (6-7) / 🗷

PW5, PY1, PG7

37ml / 200ml

Sap Green

0665

☆☆☆ (7-8) / □

PG7, PR101 Trans, PY73

37ml / 200ml

Raw Sienna

0639

☆☆☆ (7-8) / 🗸

PR101 Trans, PY42.

PBk9

37ml / 200ml

Raw Umber

0614

☆☆☆ (7-8) / 🗷

PBr7

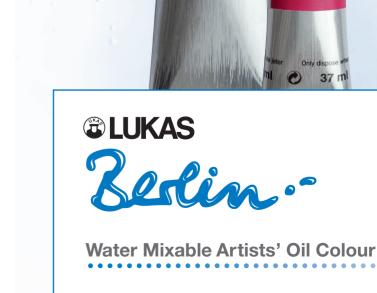
37ml / 200ml

Ivory Black

0682 ☆☆☆ (7-8) / ☑

PRkg

This colour chart is produced within the limitations of printing and is intended as



eter Mixable Oil Colou

Magenta (Primär-Ro Magenta Red (Primär)

Rouge primaire (Magenta Rojo primario (Magenta

Rosso primario (Magenta Primair rood (Magenta

BLUKAS

Water Mixable Oil Colour

Magenta (Primär-Ro Magenta Red (Primar Rouge primaire (Magerta Rojo primario (Magerta Rosso primario (Magerta Primair rood (Magerta

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