

Setting down what you truly feel. Saying what you really want to say. Experimenting as never before – at any time you want. From now on give your inspiration full rein with Cobra: the new water mixable oil colour from Royal Talens that produces wonderful and long-lasting results without having to use solvents such as turpentine or white spirits. A material with unlimited possibilities for the ambitious artist.



Why can oil colours be mixed with water?

In order to allow oil to be mixed with water an additive is necessary that functions as a type of intermediary in bringing about a stable mixture of small oil droplets in water: This mixture is called an emulsion and the additive an emulsifier. Such a method has been used in painting for a long time: with casein and tempera paint. Natural emulsifiers have been used for these two types of paint. Casein is a natural emulsifier and tempera is made using the emulsifiers in egg (yoke). The result is always that the paint, despite the presence of water-repellent components, can still be mixed with water and is indelible when dry.

The technique

Cobra gives the artist all the freedom to paint just about everywhere. This is due to Cobra paint and mediums not needing any solvents during use and they can be easily mixed with water. Impossible? On the contrary! Painting with Cobra is the same as painting with traditional oil paint. The paint can be applied using all the usual oil paint techniques and there are no visible changes during the drying process. The colour as well as the brush stroke or applied texture remain unchanged after the paint has dried: the paint remains as it was when applied. What's more, Cobra offers the possibility of painting using opaque as well as transparent layers. The unique properties of the paint add an extra dimension. For example, you don't need to work with solvents so that your work area is kept free of unhealthy vapours.

Cobra auxiliaries

Working with Cobra is even more fun and easy with those mediums and varnishes that are especially geared to (water mixable) oil paint techniques. Mediums affect the properties of the paint and are often indispensable for a durable build-up of your painting. A varnish, for example, can protect a painting for a long time.

Painting with Cobra

Painting with Cobra water mixable oil colours provides artists numerous advantages.

Cobra:

- has a very wide colour spectrum with 70 colours;
- has a complete range of auxiliaries;
- has a high degree of pigmentation and fineness (Artists' quality);
- has the highest degree of lightfastness (+++), whereby the original colour remains unchanged for at least 100 years under museum conditions;
- offers ten colours based on highly exclusive pigments such as the cadmiums, cobalts and chromium oxides;
- does not contain any solvents and therefore can be used everywhere;
- contains colours with a uniform degree of sheen;
- has a uniform drying time;
- gives typical oil paint results, such as sharp brush strokes and wonderfully deep colours;
- is ideal for all oil paint techniques, from 'alla prima' and layered painting to glazing techniques;
- mixes with water very well;
- is suitable for using rough and fine textures, whether pure or mixed with water and/or medium;
- is suitable for working with brushes, painting knives, rollers, sponges, etc.;
- is easy to remove with soap and water from hands and equipment.



Infinite freedom


infinite freedom
Cobra



water mixable oil colour

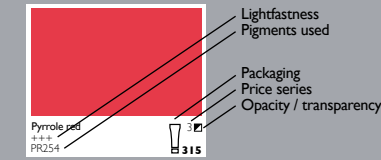
ROYAL  TALENS

The Cobra colour range

 Zinc white +++ PW7 104	 Titanium white +++ PW6 105	 Titanium buff +++ PW7/PY42/PBk9 291	 Cadmium yellow lemon -4 PY35 207	 Permanent lemon yellow +++ PY184 254	 Primary yellow +++ PY184/PY154 275	 Transparent yellow medium 3 PY128 272	 Permanent yellow light +++ PY154 283	 Cadmium yellow medium -4 PY35 271
 Permanent yellow medium 2 PY154 284	 Indian yellow 3 PY110 244	 Naples yellow light +++ PW7/PY154/PBk24 222	 Naples yellow deep 3 PW7/PY154/PBk24 223	 Permanent yellow deep +++ PY154/PO43 285	 Cadmium yellow deep -4 PY35/PO20 210	 Cadmium orange -4 PO20 211	 Permanent orange +++ PY154/PO43 266	 Naples yellow red +++ PW7/PO43/PBk24 224
 Vermilion +++ PO43 311	 Cadmium red light +++ PR108 303	 Pyrrrole red light +++ PR254/PO43 340	 Transparent red medium 3 PR207 317	 Cadmium red medium -4 PR108 314	 Pyrrrole red +++ PR254 315	 Pyrrrole red deep +++ PR254/PR264 345	 Cadmium red deep -4 PR108 306	 Carmine +++ PR176 318
 Madder lake +++ PR264 389	 Primary magenta +++ PV19 369	 Persian rose 2 PW7/PR202 330	 Permanent red violet light 3 PR202/PW7 577	 Permanent red violet +++ PV23/PR122 567	 Violet +++ PW7/PR122/PV23 536	 Permanent blue violet 3 PV23/PR122 568	 Blue violet 3 PW7/PB29/PV23 548	 Greyish blue 2 PW7/PB29/PBk9 562
 Ultramarine +++ PB29 504	 Cobalt blue -4 PB28 511	 Cobalt blue (ultram.) +++ PB29/PB15 512	 King's blue 3 PW7/PB29 517	 Prussian blue 3 PB27 508	 Cerulean blue -4 PB35 534	 Cerulean blue (phthalo) 2 PB15/PW7 535	 Phthalo blue +++ PB15 570	 Primary cyan +++ PB15/PW7 572
 Turquoise blue +++ PW7/PB15/PG7 522	 Phthalo turquoise blue 3 PB15/PG7 565	 Yellowish green 3 PG7/PY154 617	 Permanent green light 3 PG7/PY154 618	 Emerald green 2 PW7/PG7/PY154 615	 Phthalo green 3 PG7 675	 Permanent green deep +++ PG7/PY154 619	 Sap green 3 PG7/PY110 623	 Olive green 3 PG7/PY110/PR264 620
 Chromium oxide green -4 PG17 668	 Yellow ochre 2 PY42 227	 Raw sienna 2 PY42/PBk11 234	 Light oxide red 2 PR101 339	 Burnt sienna 2 PR101 411	 Transparent oxide red 3 PR101 378	 Transparent oxide yellow 3 PY42 265	 Raw umber 3 PY42/PBk11 408	 Burnt umber 2 PR101/PBk11 409
 Vandyke brown 2 PR101/PBk11 403	 Payne's grey 2 PBk9/PB15/PV19 708	 Ivory black 1 PBk9 701	 Lamp black 2 PBk9/PB29 702	 Silver 3 PW6/15/20/PBk11 800	 Light gold 3 PW6/20/PR101 802	 Deep gold 3 PW6/20/PR101 803		

The colours illustrated correspond with the real colours as much as possible.

Explanation of the symbols



Lightfastness



+++ = the 70 Cobra colours have the highest degree of lightfastness. This means that under museum conditions it is lightfast for at least 100 years! The lightfastness has been tested according to the ASTM standard D4303.

Opacity / transparency

Depending on the type of pigment Cobra water mixable oil colour has both (semi-)transparent and (semi-)opaque colours. The degree of opacity and transparency is indicated by the following symbols:

- transparent (13 colours)
- semi-transparent (7 colours)
- semi-opaque (24 colours)
- opaque (26 colours)

Packaging

Tube 40 ml (70 colours) = 
Tube 150 ml (30 colours) = 

Colour Index

For professional grades of paint we list the pigments used. The pigment is indicated by letters and figures according to the Colour Index. The Colour Index is an international system which allows one to check which pigments are used in a particular colour and what the properties of that pigment are. The letters stand for a particular colour, the figures give the specific type of pigment. For example: PW6 = Pigment White, 6 = Titanium dioxide. The pigment designations mentioned below are used.

- PW = Pigment White
- PR = Pigment Red
- PG = Pigment Green
- PY = Pigment Yellow
- PB = Pigment Blue
- PBr = Pigment Brown
- PO = Pigment Orange
- PV = Pigment Violet
- PBk = Pigment Black



Cobra is a high-profile movement in modern art, which originated in 1948 as an international association of poets, writers and artists (including Karel Appel and Corneille) within Europe. The name comes from the three capital cities of the countries from where the founders came, namely **C**openhagen, **B**russels and **A**msterdam.

ROYAL  TALENS

ROYAL TALENS, P.O. Box 4, 7300 AA, Apeldoorn, the Netherlands
www.cobra.royal-talens.com
88390024 - 2010

