

PWC PREMIUM

extra fine artists water colours
aquarelles extra-fines



A master expression of superior quality and expertise.
PWC extra fine watercolors for professionals.



CRIMSON LAKE 503

Laca Carmesi
Laque Cramoisie
Karmesinlack

□ ★★ St PR83 A



ROSE MADDER 508

Laca Granza Rosa
Laque de Garance Rose
Krapplack Rosa

□ ★★★ St PR83 D



OPERA 518

Opera
Opéra
Oper

□ ★ G BR1 B



BRILLIANT ORANGE 533

Naranja Brillante
Orange Brillant
Brillantorange

□ ★★★ St P016 C



ALIZARIN CRIMSON 504

Carmesi Alizarina
Alizarine Cramoisie
Alizarinkarmesin

□ ★★★ St PR23 B



PYRROLE RED 510

Rojo Pirrol
Rouge de Pyrrole
Pyrolrot

□ ★★★ St PR254 B



CADMIUM RED DEEP 524

Rojo de Cadmio Oscuro
Rouge de Cadmium Foncé
Kadmiumrot Dunkel

■ ★★★ St PR108 D



PERMANENT YELLOW ORANGE 535

Amarillo Permanente Naranja
Jaune Permanent Orangé
Permanent Gelborange

□ ★★ PY83 P013 C



QUINACRIDONE RED 505

Rojo Quinacridona
Rouge Quinacridone
Quinacridonrot

□ ★★★ St PV19 B



PERMANENT RED 512

Rojo Permanente
Laque de Garance Permanent
Permanentrot

□ ★★★ St PR209 A



VERMILION 527

Bermellón
Vermillon
Zinnberrot

■ ★★★ G St PR108 P020 C



CADMIUM YELLOW ORANGE 537

Amarillo de Cadmio Naranja
Jaune de Cadmium Orangé
Kadmium Gelborange

■ ★★★ St PY35 P020 C



PERMANENT ROSE 506

Rosa Permanente
Rose Permanent
Permanentrosa

□ ★★ St PV19 A



BROWN MADDER 514

Pardo de Granza
Laque de Garance Brune
Krapplack Braun

■ ★★ St PR83 PY83 C



VERMILION HUE 528

Bermellón imit.
Vermillon imit.
Zinnberrot imit.

□ ★★★ St P016 B



CADMIUM YELLOW DEEP 538

Amarillo de Cadmio Oscuro
Jaune de Cadmium Foncé
Kadmiumgelb Dunkel

■ ★★★ St PY35 D



CARMINE 507

Carmin
Carmin
Karmin

□ ★★★ St PR83 B



SCARLET LAKE 516

Laca Escarlata
Laque Écarlate
Scharlachlack

■ ★★ St PR48:1 PR9 A



CADMIUM RED ORANGE 531

Rojo de Cadmio Naranja
Rouge de Cadmium Orangé
Kadmium Rotorange

■ ★★★ G St P020 C



CADMIUM YELLOW 540

Amarillo Cadmio
Jaune de Cadmium
Kadmiumgelb

■ ★★★ St P020 D

**CADMIUM YELLOW LIGHT 541**

Amarillo Cadmio Claro
Jaune de Cadmium Clair
Cadmiumgelb Hell

☐ ★★★ St PY35 D

**LEMON YELLOW 553**

Amarillo Limón
Jaune Citron
Zitronengelb

☐★★ PY81 A

**OLIVE GREEN 562**

Verde Oliva
Vert Olive
Olivgrün

☐★★ PY83 PG8 B

**CADMIUM GREEN 569**

Verde Cadmio
Vert de Cadmium
Cadmiumgrün

☐★★★ St PG26 PY35 C

**CADMIUM YELLOW PALE 542**

Amarillo Cadmio Pálido
Jaune de Cadmium Pâle
Cadmiumgelb Blass

☐★★★ St PY35 C

**NAPLES YELLOW 555**

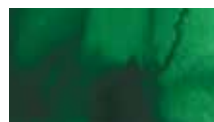
Amarillo de Nápoles
Jaune de Naples
Neapelgelb

■★★★ PY35 PW6 A

**CADMIUM GREEN PALE 563**

Verde Cadmio Pálido
Vert de Cadmium Pâle
Cadmiumgrün Blass

☐★★★ PG26 PY35 C

**CADMIUM GREEN DEEP 570**

Verde Cadmio (Oscuro)
Vert de Cadmium Foncé
Cadmiumgrün Dunkel

☐★★★ St PG7 PY35 C

**INDIAN YELLOW 543**

Amarillo Indio
Jaune Indien
Indischgelb

☐★★ PY183 D

**AUREOLIN 559**

Aureolin
Auréolin
Aureolin

☐★★★ PY42 C

**CADMIUM GREEN LIGHT 565**

Verde Cadmio Claro
Vert de Cadmium Clair
Cadmiumgrün Hell

☐★★★ PG7 PY35 D

**SAP GREEN 589**

Verde Vejiga
Vert de Vessie
Saftgrün

☐★★ PG8 C

**PERMANENT YELLOW DEEP 547**

Amarillo Permanente Oscuro
Jaune Permanent Foncé
Permanentgelb Dunkel

☐★★ St PY83 C

**GREENISH YELLOW 560**

Amarillo Verdoso
Jaune Verdâtre
Grünlichgelb

☐★★ G St PY129 D

**PERMANENT GREEN 1 566**

Verde Permanente 1
Vert Permanent 1
Permanentgrün 1

☐★★ PG7 C

**OXIDE OF CHROMIUM 591**

Óxido de cromo
Oxyde de Chrome
Chromoxid

■★★★ PG17 A

**PERMANENT YELLOW LIGHT 548**

Amarillo Permanente Claro
Jaune Permanent Clair
Permanentgelb Hell

☐★★ PY1 A

**TERRE VERTE (YELLOW SHADE) 561**

Tierra Verde (Tono Amarillo)
Terre Verte (Nuance Jaune)
Terre Verde (Gelbton)

☐★★★ PB7 B

**CADMIUM GREEN MIDDLE 568**

Verde Cadmio Medio
Vert de Cadmium Moyen
Cadmiumgrün Mittel

☐★★★ St PG26 PY35 C

**HOOKE'S GREEN 575**

Verde de Hooker
Vert de Hooker
Hookersgrün

☐★★ St PG8 B

**GREEN DEEP**Verde Oscuro
Vert Foncé
Grün Dunkel

☑ ★★

PY3 PG7 A

**SHADOW GREEN**Verde Sombra
Vert d'Ombre
Schattengrün

☑ ★★★

St PBk31 C

**BLUE PALE**Azul Pálido
Bleu Pâle
Blassblau

■ ★★★

PB15 PW6 C

**CERULEAN BLUE HUE**Azul Cerúleo imit.
Bleu Céruléen imit.
Cölinblau imit.

☐ ★★

St PB15:3 A

**PHTHALO GREEN DARK**Verde Thalo Oscuro
Vert de Phthalo Foncé
Phtalogrün Dunkel

☑ ★★★

PG7 PBk7 A

**PEACOCK GREEN**Verde Pavo Real
Vert Paon
Pfauengrün

☑ ★★

St PG7 PB15:3 A

**MARINE BLUE**Azul Marino
Bleu de Mer
Marinblau

☐ ★★★

St PB15:3 C

**COBALT BLUE**Azul de Cobalto
Bleu de Cobalt
Kobaltblau

☑ ★★★

G PB28 D

**VIRIDIAN**Viridiano
Vert Émeraude
Viridian

☐ ★★★

St PG7 C

**COBALT GREEN**Verde de Cobalto
Vert de Cobalt
Kobaltgrün

■ ★★★

St PY53 PG7 E

**PEACOCK BLUE**Azul Pavo Real
Bleu Paon
Pfauenblau

☐ ★★

St PB15:3 B

**COBALT BLUE HUE**Azul de Cobalto imit.
Bleu de Cobalt imit.
Kobaltblau imit.

☐ ★★★

St PB29 A

**VIRIDIAN HUE**Viridiano imit.
Vert Émeraude imit.
Viridian imit.

☐ ★★★

PG7 A

**TURQUOISE BLUE LIGHT**Azul Turquesa Claro
Bleu Turquoise Clair
Türkisblau Hell

☑ ★★★

PB28 PW18 PG7 C

**VERDITER BLUE**Verditer Azul
Bleu Verditer
Verditerblau

■ ★★★

G PB28 PW6 B

**PHTHALO BLUE (RED SHADE)**Azul Thalo (Tono Rojo)
Bleu de Phthalo (Nuance Rouge)
Phtaloblau (Rotton)

☐ ★★★

St PB29 B

**TERRE VERTE**Tierra Verde
Terre Verte
Terre Verde

☐ ★★★

PB28 PG8 B

**TURQUOISE BLUE**Azul Turquesa
Bleu Turquoise
Türkisblau

■ ★★

G PG7 PB28 PW6 C

**CERULEAN BLUE**Azul Cerúleo
Bleu Céruléen
Cölinblau

☑ ★★★

G PB35 E

**ULTRAMARINE LIGHT**Ultramar Claro
Outremer Clair
Ultramarin Hell

☐ ★★★

G PB29 B

**ULTRAMARINE DEEP****622**

Ultramar Oscuro
Outremer Foncé
Ultramarin Dunkel

□ ★★★ G PB29 B

**ULTRAMARINE VIOLET****641**

Violeta Ultramar
Violet D'outremer
Ultramarinviolett

■ ★★ PV15 B

**BROWN RED****668**

Rojo Castaño
Rouge Brun
Braunrot

□ ★★★ PB125 B

**RAW UMBER****670**

Tierra de Sombra Natural
Terre d'Ombre Naturelle
Umbratur

□ ★★★ G PR101 B

**PRUSSIAN BLUE****625**

Azul de Prusia
Bleu de Prusse
Preussischblau

□ ★★ St PB27 A

**PERMANENT VIOLET****643**

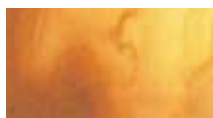
Violeta Permanente
Violet Permanent
Permanentviolett

□ ★★ St PV3 D

**LIGHT RED****663**

Ocre Rojo Claro
Rouge Clair
Rotocker Hell

☑ ★★★ St PR101 A

**RAW SIENNA****671**

Tierra de Siena Natural
Terre de Sienn Naturelle
Sienna Natur

□ ★★★ G St PR101 B

**ROYAL BLUE****626**

Azul Real
Bleu de Roi
Königsblau

☑ ★★★ St PB15:3 PB66 A

**MINERAL VIOLET****645**

Violeta Mineral
Violet Minéral
Mineralviolett

☑ ★★ G PV23 C

**BROWN****667**

Marrón
Brun
Braun

☑ ★★ PR101 B

**YELLOW OCHRE****674**

Ocre Amarillo
Ocre Jaune
Lichter Ocker

☑ ★★★ PY42 A

**INDIGO****629**

Indigo
Indigo
Indigo

☑ ★★ St PB66 A

**COBALT VIOLET LIGHT****647**

Violeta de Cobalto Claro
Violet de Cobalt Clair
Kobaltviolett Hell

□ ★★★ G PV14 E

**BURNT SIENNA****665**

Tierra de Siena Tostada
Terre de Sienn Brûlée
Sienna Gebrannt

□ ★★★ PR101 A

**UMBER****677**

Tierra de Sombra
Terre d'Ombre
Umbratur

☑ ★★★ G PB7 A

**LAVENDER****631**

Lavanda
Lavande
Lavendel

■ ★★★ G PB28 PV15 PW6 B

**PERMANENT MAGENTA****657**

Magenta Permanente
Magenta Permanent
Permanentmagenta

☑ ★★★ St PV19 D

**BURNT UMBER****669**

Tierra de Sombra Tostada
Terre d'Ombre Brûlée
Umbratur Gebrannt

□ ★★★ G PB7 B

**VANDYKE BROWN 1****679**

Pardo Vandyke 1
Brun Van Dyck 1
Vandyckbraun 1

□ ★★ G St NB8 B

TINT



VANDYKE BROWN 2

680

Pardo Vandyke 2
Brun Van Dyck 2
Vandyckbraun 2

☐ ★★★

PR101 B



PAYNE'S GREY

688

Gris de Payne
Gris de Payne
Paynesgrau

☐ ★★★ St

PB66 PBk31 B



SEPIA

681

Sepia
Sépia
Sepia

☐ ★★★ G

PR101 PBk11 A



DAVY'S GREY

690

Gris de Davy
Gris de Davy
Davy's Grau

■ ★★★ G St PBk31 PG17 PW6 A



IVORY BLACK

683

Negro de Marfil
Noir d'Ivoire
Elfenbeinschwarz

■ ★★★ G

PBk9 A



GREY

691

Gris
Gris
Grau

■ ★★★

PBk7 PW6 A



PEACH BLACK

685

Negro de Melocotón
Noir de Pêche
Pfirsichschwarz

■ ★★★

PBk1 B



CHINESE WHITE

693

Blanco de China
Blanc de Chine
Chinesischweiss

■ ★★★

PW6 A



NEUTRAL TINT

687

Tinte Neutra
Teinte Neutre
Neutraler Farbton

■ ★★★ St

PB66 PBk11 B



TITANIUM WHITE

695

Blanco de Titano
Blanc de Titane
Titanweiss

■ ★★★

PW6 A



BRILLIANT PINK

519

Rosa Brillante
Rose Brillant
Brillantrosa

■ ★★★ St

PR209 PW6 B



SHELL PINK

521

Rosa Concha
Rose de Coquille
Muschelrosa

■ ★★★

PR9 PW6 A



JAUNE BRILLIANT 1

557

Amarillo Brillante 1
Jaune Brillant 1
Brillantgelb 1

■ ★★★

P020 PY74 PW6 A



JAUNE BRILLIANT 2

558

Amarillo Brillante 2
Jaune Brillant 2
Brillantgelb 2

■ ★★★

P020 PW6 A



LEAF GREEN

564

Verde Hoja
Vert Feuille
Blattgrün

☐ ★★★

PY74 PG7 PW6 B

104 COLORS



PERMANENT GREEN 2 **567**
Verde Permanente 2
Vert Permanent 2
Permanentsgrün 2
□ ★★ PG7 B



LILAC **649**
Lila
Lilas
Lila
■ ★★ St PR122 PV23 PW6 A



EMERALD GREEN NOVA **583**
Verde Esmeralda Nova
Vert Véronèse Nova
Smaragdgrün Nova
■ ★★ PG7 PW6 B



PURPLE GREY **650**
Gris Púrpura
Gris Pourpre
Purpurgrau
■ ★ PR122 PW6 A



GREEN PALE **586**
Verde Pálido
Vert Pâle
Blassgrün
■ ★★ PG7 PW6 A



BRIGHT VIOLET **652**
Violeta Luminoso
Violet Vif
Leuchtendviolett
□ ★ G BV11 C



HORIZON BLUE **611**
Azul Horizonte
Bleu d'Horizon
Horizontblau
■ ★★ St PB15:4 PW6 A



BRIGHT ROSE **654**
Rosa Luminoso
Rose Vive
Leuchtend Rosé
□ ★ BR12 B



BLUE GREY **614**
Gris Azul
Bleu Gris
Blaugrau
■ ★★ PB15:3 PW6 A



15ml

All colors
Todos los Colores
Toutes les Couleurs
Alle Farben

Transparency

- | | |
|---|--|
| ☐ Transparent
Transparente
Transparent
Transparent | ☒ Semi-transparent
Semi-transparente
Semi-transparent
Halbtransparent |
| ☒ Semi-opaque
Semi-opaco
Semi-opaque
Halbdeckend | ☒ Opaque
Opaco
Opaque
Deckend |

Lightfastness

- ★★★ High degree of lightfastness
Alto grado de resistencia a la luz
Haut degré de résistance à la lumière
Hoher Lichtechtheitsgrad
- ★★ Normal degree of lightfastness
Grado normal de resistencia a la luz
Moyen degré de résistance à la lumière
Normaler Lichtechtheitsgrad
- ★ Low degree of lightfastness
Grado mínimo de resistencia a la luz
Faible degré de résistance à la lumière
Niedriger Lichtechtheitsgrad

ASTM

- | | |
|--|--|
| I Excellent
Excelente
Excelente
Ausgezeichnet | II Very Good
Muy Bueno
Très Bien
Sehr Gut |
|--|--|

Tested according to ASTM standard D5067.
Ratings are listed in Composition and Permanence Table.

Granulation / Staining

G : Granulating Color
St : Staining Color

Price series

- | | |
|--|--|
| A Lowest Price
Precio más bajo
Prix le plus bas
Niedrigster Preis | B Low Price
Precio bajo
Prix bas
Niedriger Preis |
| C Below Medium Price
Precio inferior al medio
Prix inférieur au prix moyen
Unterer mittlerer Preis | D Medium Price
Precio medio
Prix moyen
Mittlerer Preis |
| E High Price
Precio alto
Prix élevé
Höherer Preis | |

PWC, Extra Fine Watercolor

PWC, Extra Fine Watercolor are crafted with the highest quality pigments and the finest high-grade gum Arabic. To enhance the clarity and depth of color, single-pigments have been used whenever possible and the usage of mixed pigments has been limited. Using single-pigments, water colors are less prone to fading and the consistency of colors are improved. PWC offers exceptional clarity and transparency that artists desire, along with superior lightfastness to resist fading. PWC is ideal for spread techniques and color overlapping, bringing out the best in water color paper. The color palette now includes 20 additional colors of exceptional characteristics, for a total of 104 colors that are transparent and subtle, yet intense and vibrant, allowing for an even greater freedom of expression.

PWC, "Extra Fine Artists" color de agua se hacen a mano con los pigmentos de alta calidad y el más fino alto grado de goma arábica. Para mejorar la claridad y la profundidad de color, se ha utilizado solo pigmentos siempre que sea posible y el uso de pigmentos mixtos ha sido limitado. Usando solo-pigmentos, los colores de agua son menos propensos a la decoloración y la consistencia de los colores mejora. PWC ofrece una claridad excepcional y la transparencia que los artistas desean, junto con una resistencia a la luz superior para evitar la decoloración. PWC es ideal para las técnicas de propagación y de color superpuestas, para obtener lo mejor en papel de acuarela. La paleta de colores incluye ahora 20 colores adicionales de características excepcionales, para un total de 104 colores que son transparentes y sutiles, pero intensos y vibrantes, lo que permite una mayor libertad de expresión.

PWC, Extrafeine Künstler-Aquarellfarben bestehen aus Pigmenten höchster Qualität und dem feinsten hochgradigen Gummi Arabicum. Um die Klarheit und Tiefe der Farben zu steigern, wurden Einzel-Pigmente verwendet, wo immer es möglich ist und der Einsatz von Pigment-Mischungen wurde begrenzt.

Durch diese Einzel-Pigmente neigen Aquarellfarben weniger zum Ausbleichen und die Dauerhaftigkeit der Farben wird verbessert. PWC bietet die besondere Klarheit und Transparenz, welche Künstlern benötigen, zusammen mit höchstmöglicher Lichtbeständigkeit, um das Verblassen der Farben zu vermeiden.

PWC ist ideal für Nass-in-Nass Techniken und überlappende Farben um die besten Möglichkeiten aus Aquarellfarben zu holen. Die Farbpalette umfasst mit neuen 20 zusätzlichen Farben in besonderer Charakteristik jetzt 104 Farben, welche transparent und subtil, gleichzeitig auch intensiv und lebhaft sind – mit dem Ziel einer breiten Freiheit des künstlerischen Ausdrucks.

The Evolution of a Legend. PWC, Extra Fine Watercolor 104 colors!



Packaging

Singles

- **PWC, EXTRA FINE WATERCOLOR Tube 15 ml**
Available in all 104 colors

Sets

- **NEW PWC, EXTRA FINE WATERCOLOR TINT 6 A SET**
Contents: 6 x 15 ml tubes
- **NEW PWC, EXTRA FINE WATERCOLOR TINT 6 B SET**
Contents: 6 x 15 ml tubes
- **PWC, EXTRA FINE WATERCOLOR 6 A SET**
Contents: 6 x 15 ml tubes
- **PWC, EXTRA FINE WATERCOLOR 6 B SET**
Contents: 6 x 15 ml tubes
- **PWC, EXTRA FINE WATERCOLOR 24 SET**
Contents: 24 x 15 ml tubes
- **PWC, EXTRA FINE WATERCOLOR 32 SET**
Contents: 32 x 15 ml tubes



NEW PWC, EXTRA FINE WATERCOLOR TINT
6 TUBE A SET



NEW PWC, EXTRA FINE WATERCOLOR TINT
6 TUBE B SET



PWC, EXTRA FINE WATERCOLOR
6 TUBE A SET



PWC, EXTRA FINE WATERCOLOR
6 TUBE B SET



PWC, EXTRA FINE WATERCOLOR
24 TUBE SET



PWC, EXTRA FINE WATERCOLOR
32 TUBE SET

Composition and Permanence Table

No.	Color Name	Series	Lightfastness	ASTM	Transparency	Granulation	Staining	Chemical Description	Pigment(S) [C.I.Name]
RED									
503	CRIMSON LAKE	A	★★		□		St	1, 2-dihydroxyanthraquinone lake	PR83
504	ALIZARIN CRIMSON	B	★★★	N/A	□		St	Naphthol AS	PR23
505	QUINACRIDONE RED	B	★★★	I	□		St	Quinacridone	PV19
506	PERMANENT ROSE	A	★★	I	□		St	Quinacridone	PV19
507	CARMINE	B	★★★		□		St	1, 2-dihydroxyanthraquinone lake	PR83
508	ROSE MADDER	D	★★★		□		St	1, 2-dihydroxyanthraquinone lake	PR83
510	PYRROLE RED	B	★★★	N/A	□		St	Diketo-pyrrolo-pyrrole	PR254
512	PERMANENT RED	A	★★★	II	□		St	Quinacridone	PR209
514	BROWN MADDER	C	★★		☒		St	1, 2-dihydroxyanthraquinone lake	PR83
				N/A				Diarylide	PY83
516	SCARLET LAKE	A	★★	N/A	☒		St	Monoazo	PR48:1
									Naphthol AS
518	OPERA	B	★	N/A	□	G		Rhodamine 6G	BR1
524	CADMIUM RED DEEP	D	★★★	I	■		St	Cadmium sulphoselenide	PR108
YELLOW RED									
527	VERMILION	C	★★★	I	☒	G	St	Cadmium sulphoselenide	PR108
				I					PO20
528	VERMILION HUE	B	★★★	N/A	□		St	Disazopyrazolone	PO16
531	CADMIUM RED ORANGE	C	★★★	I	■	G	St	Cadmium sulphoselenide	PO20
533	BRILLIANT ORANGE	C	★★★	N/A	□		St	Disazopyrazolone	PO16
535	PERMANENT YELLOW ORANGE	C	★★	N/A	□			Diarylide	PY83
				N/A				Disazopyrazolone	PO13
537	CADMIUM YELLOW ORANGE	C	★★★	I	■		St	Cadmium zinc sulphide	PY35
				I				Cadmium sulphoselenide	PO20
YELLOW									
538	CADMIUM YELLOW DEEP	D	★★★	I	■		St	Cadmium zinc sulphide	PY35
540	CADMIUM YELLOW	D	★★★	I	■		St	Cadmium sulphoselenide	PO20
541	CADMIUM YELLOW LIGHT	D	★★★	I	■		St	Cadmium zinc sulphide	PY35
542	CADMIUM YELLOW PALE	C	★★★	I	■		St	Cadmium zinc sulphide	PY35
543	INDIAN YELLOW	D	★★	N/A	□			Monoazo	PY183
547	PERMANENT YELLOW DEEP	C	★★	N/A	□		St	Diarylide	PY83
548	PERMANENT YELLOW LIGHT	A	★★		□			Arylide yellow G	PY1
553	LEMON YELLOW	A	★★	N/A	■			Diarylide	PY81
555	NAPLES YELLOW	A	★★★	I	■			Cadmium zinc sulphide	PY35
				I				Titanium dioxide	PW6
559	AUREOLIN	C	★★★	I	□			Synthetic iron oxide	PY42
GREEN YELLOW									
560	GREENISH YELLOW	D	★★	N/A	□	G	St	Azomethine copper complex	PY129
561	TERRE VERTE(YELLOW SHADE)	B	★★★	I	□			Natural iron oxide	PBr7
562	OLIVE GREEN	B	★★	N/A	□			Diarylide	PY83
								Nitroso iron complex	PG8
563	CADMIUM GREEN PALE	C	★★★	N/A	■			Cobalt chromium oxide	PG26
				I				Cadmium zinc sulphide	PY35
565	CADMIUM GREEN LIGHT	D	★★★	I	■			Chlorinated copper phthalocyanine	PG7
				I				Cadmium zinc sulphide	PY35
566	PERMANENT GREEN 1	C	★★	I	□			Chlorinated copper phthalocyanine	PG7
GREEN									
568	CADMIUM GREEN MIDDLE	C	★★★	N/A	■		St	Cobalt chromium oxide	PG26
				I				Cadmium zinc sulphide	PY35
569	CADMIUM GREEN	C	★★★	N/A	■		St	Cobalt chromium oxide	PG26
				I				Cadmium zinc sulphide	PY35
570	CADMIUM GREEN DEEP	C	★★★	I	■		St	Chlorinated copper phthalocyanine	PG7
				I				Cadmium zinc sulphide	PY35
589	SAP GREEN	C	★★		□			Nitroso iron complex	PG8

No.	Color Name	Series	Lightfastness	ASTM	Transparency	Granulation	Staining	Chemical Description	Pigment(S) [C.I.Name]
591	OXIDE OF CHROMIUM	A	★★★	I	■			Chromium oxide	PG17
575	HOOKE'S GREEN	B	★★		□		St	Nitroso iron complex	PG8
577	GREEN DEEP	A	★★	II	☒			Arylide yellow 10G	PY3
580	PHTHALO GREEN DARK	A	★★★	I	■			Chlorinated copper phthalocyanine	PG7
				I				Beta copper phthalocyanine	PG7
				I				Natural iron oxide	PBr7
BLUE GREEN									
581	VIRIDIAN	C	★★★	I	□		St	Chlorinated copper phthalocyanine	PG7
582	VIRIDIAN HUE	A	★★★	I	□			Chlorinated copper phthalocyanine	PG7
592	TERRE VERTE	B	★★★	I	□			Cobalt aluminate	PB28
								Nitroso iron complex	PG8
593	SHADOW GREEN	C	★★★	N/A	☒		St	Perylene	PBk31
584	PEACOCK GREEN	A	★★	I	☒		St	Chlorinated copper phthalocyanine	PG7
				N/A				Beta copper phthalocyanine	PB15:3
579	COBALT GREEN	E	★★★	I	■		St	Nickel titanate	PY53
				I				Chlorinated copper phthalocyanine	PG7
BLUE									
597	TURQUOISE BLUE LIGHT	C	★★★	I	☒			Cobalt aluminate	PB28
				N/A				Calcium carbonate	PW18
				I				Chlorinated copper phthalocyanine	PG7
598	TURQUOISE BLUE	C	★★	I	■	G		Chlorinated copper phthalocyanine	PG7
				I				Cobalt aluminate	PB28
				I				Titanium dioxide	PW6
600	BLUE PALE	C	★★★	I	■			Copper phthalocyanine	PB15
				I				Titanium dioxide	PW6
603	MARINE BLUE	C	★★★	N/A	□		St	Beta copper phthalocyanine	PB15:3
609	PEACOCK BLUE	B	★★	N/A	□		St	Beta copper phthalocyanine	PB15:3
615	VERDITER BLUE	B	★★★	I	■	G		Cobalt aluminate	PB28
				I				Titanium dioxide	PW6
616	CERULEAN BLUE	E	★★★	I	☒	G		Cobalt stannate	PB35
617	CERULEAN BLUE HUE	A	★★	N/A	□		St	Beta copper phthalocyanine	PB15:3
PURPLE BLUE									
618	COBALT BLUE	D	★★★	I	☒	G		Cobalt aluminate	PB28
619	COBALT BLUE HUE	A	★★★	I	□		St	Sodium polysulphide aluminosilicate	PB29
620	PHTHALO BLUE(RED SHADE)	B	★★★	I	□		St	Sodium polysulphide aluminosilicate	PB29
621	ULTRAMARINE LIGHT	B	★★★	I	□	G		Sodium polysulphide aluminosilicate	PB29
622	ULTRAMARINE DEEP	B	★★★	I	□	G		Sodium polysulphide aluminosilicate	PB29
625	PRUSSIAN BLUE	A	★★	I	□		St	Ferric ferrocyanide	PB27
626	ROYAL BLUE	A	★★★	N/A	☒		St	Beta copper phthalocyanine	PB15:3
								Synthetic indigo	PB66
629	INDIGO	A	★★		☒		St	Synthetic indigo	PB66
631	LAVENDER	B	★★★	I	■	G		Cobalt aluminate	PB28
				I				Sodium polysulphide aluminosilicate	PV15
				I				Titanium dioxide	PW6
PURPLE									
641	ULTRAMARINE VIOLET	B	★★	I	☒			Sodium polysulphide aluminosilicate	PV15
643	PERMANENT VIOLET	D	★★	N/A	□		St	Triarylcarbonium	PV3
645	MINERAL VIOLET	C	★★		☒	G		Dioxazine	PV23
647	COBALT VIOLET LIGHT	E	★★★	I	□	G		Cobalt phosphate	PV14
RED PURPLE									
657	PERMANENT MAGENTA	D	★★★	I	☒		St	Quinacridone	PV19
BROWN									
668	BROWN RED	B	★★★	N/A	□			Benzimidazolone	PBr25
663	LIGHT RED	A	★★★	I	☒		St	Synthetic iron oxide	PR101
667	BROWN	B	★★	I	☒			Synthetic iron oxide	PR101



No.	Color Name	Series	Lightfastness	ASTM	Transparency	Granulation	Staining	Chemical Description	Pigment(S) [C.I.Name]
665	BURNT SIENNA	A	★★★	I	□			Synthetic iron oxide	PR101
669	BURNT UMBER	B	★★★	I	□	G		Natural iron oxide	PBr7
670	RAW UMBER	B	★★★	I	□	G		Synthetic iron oxide	PR101
671	RAW SIENNA	B	★★★	I	□	G	St	Synthetic iron oxide	PR101
674	YELLOW OCHRE	A	★★★	I	▣			Synthetic iron oxide	PY42
677	UMBER	A	★★★	I	▣	G		Natural iron oxide	PBr7
679	VANDYKE BROWN 1	B	★★	N/A	□	G	St	Vandyke Brown	NBr8
680	VANDYKE BROWN 2	B	★★★	I	▣			Synthetic iron oxide	PR101
681	SEPIA	A	★★★	I	▣	G		Synthetic iron oxide	PR101
				N/A					PBk11
BLACK/WHITE									
683	IVORY BLACK	A	★★★	I	■	G		Bone black	PBk9
685	PEACH BLACK	B	★★★	N/A	■			Aniline black	PBk1
687	NEUTRAL TINT	B	★★		■		St	Synthetic indigo	PB66
				N/A				Synthetic iron oxide	PBk11
688	PAYNE'S GREY	B	★★		▣		St	Synthetic indigo	PB66
				N/A				Perylene	PBk31
690	DAVY'S GREY	A	★★★	N/A	■	G	St	Perylene	PBk31
				I				Chromium oxide	PG17
				I				Titanium dioxide	PW6
691	GREY	A	★★	I	■			Lamp black	PBk7
				I				Titanium dioxide	PW6
693	CHINESE WHITE	A	★★	I	■			Titanium dioxide	PW6
695	TITANIUM WHITE	A	★★★	I	■			Titanium dioxide	PW6
TINT									
519	BRILLIANT PINK	B	★★	II	■		St	Quinacridone	PR209
				I				Titanium dioxide	PW6
521	SHELL PINK	A	★★		■			Naphthol AS	PR9
				I				Titanium dioxide	PW6
557	JAUNE BRILLIANT 1	A	★★	I	■			Cadmium sulphoselenide	PO20
				I				Arylide yellow 5GX	PY74
				I				Titanium dioxide	PW6
558	JAUNE BRILLIANT 2	A	★★	I	■			Cadmium sulphoselenide	PO20
				I				Titanium dioxide	PW6
564	LEAF GREEN	B	★★		□			Arylide yellow 5GX	PY74
				I				Chlorinated copper phthalocyanine	PG7
				I				Titanium dioxide	PW6
567	PERMANENT GREEN 2	B	★★	I	□			Chlorinated copper phthalocyanine	PG7
583	EMERALD GREEN NOVA	B	★★	I	▣			Chlorinated copper phthalocyanine	PG7
				I				Titanium dioxide	PW6
586	GREEN PALE	A	★★	I	■			Chlorinated copper phthalocyanine	PG7
				I				Titanium dioxide	PW6
611	HORIZON BLUE	A	★★	N/A	■		St	Beta copper phthalocyanine	PB15:4
				I				Titanium dioxide	PW6
614	BLUE GREY	A	★★	N/A	■			Beta copper phthalocyanine	PB15:3
				I				Titanium dioxide	PW6
649	LILAC	A	★★		■		St	Quinacridone	PR122
				I				Dioxazine	PV23
				I				Titanium dioxide	PW6
650	PURPLE GREY	A	★		■			Quinacridone	PR122
				I				Titanium dioxide	PW6
652	BRIGHT VIOLET	C	★	N/A	□	G		Xanthene	BV11
654	BRIGHT ROSE	B	★		□			Naphthol AS	BR12

Label Information

Item Code		Barcode
ACMI Mark		PIGMENT(S) (Color Index Name)
No.		Transparency
Color Name		Lightfastness
		Series

Product Description

PWC, Extra Fine Watercolor for discerning professionals

The pigments used for PWC have been carefully selected with the science of optics, delivering colors that will maintain their brightness and clarity over time.

PWC, Extra Fine color de agua para los profesionales más exigentes Los pigmentos utilizados por PWC han sido cuidadosamente seleccionados con la ciencia de la óptica, la entrega de colores que mantienen su brillo y claridad a través del tiempo.

Die für PWC verwendeten Pigmente wurden sorgsam nach bestem Wissen ausgesucht, um Farben zu bieten, welche Ihre Leuchtkraft und Klarheit über lange Zeit behalten.

Cobalt and Cadmium Series

PWC, Extra Fine Watercolor are highly lightfast through the selection and use of only inorganic pigments that are resistant to fading from exposure to light, temperature variations and acidity.

PWC, Extra color Fine Agua artistas son altamente resistentes a la luz a través de la selección y el uso de sólo pigmentos inorgánicos que son resistentes a la decoloración por la exposición a variaciones de luz de temperatura y acidez

PWC, Extrafeine Künstler-Aquarellfarben sind höchstgradig lichtecht durch die Auswahl und Verwendung ausschließlich anorganischer Pigmente, welche resistent gegen das Ausbleichen durch Licht, Temperaturänderungen und Säuren sind.

Degree of Lightfastness & Permanence

Testing instrumentation in the field of color preservation science, the Fade-O-Meter, has been used to conduct discoloration tests on all ShinHan Colors. The Degree of lightfastness is displayed on the labels. The lightfastness is also tested according to ASTM standard D5067. ASTM lightfastness ratings are listed in Composition and Permanence Table.

Prueba de la instrumentación en el campo de la ciencia de preservación del color, "Fade-O-Meter", ha sido utilizado para realizar pruebas de decoloración en todos los colores Shinhan. El grado de resistencia a la luz aparece en las etiquetas. La resistencia a la luz también se testa según la norma ASTM D5067. Las clasificaciones ASTM de resistencia a la luz aparecen en la Tabla de Composición y Permanencia.

Test Instrumente aus dem Bereich der Farberhaltung, sogenannte Fade-O-Meter, wurden eingesetzt, um Entfärbung tests bei allen ShinHan Farben durchzuführen. Der Grad der Lichtbeständigkeit ist auf den Produkten abgebildet. Die Lichtechtheit wurde ebenfalls entsprechend dem ASTM-Standard D5067 getestet. Bewertungen der ASTM-Lichtechtheit werden in Zusammensetzung und Dauerhaftigkeits Tabellen aufgelistet.

Transparency & Opacity

The classification for transparency and opacity for PWC are marked with the following symbols:

☐ Transparent ☒ Semi-Transparent ☒ Semi-Opaque ☒ Opaque

La clasificación para la transparencia y la opacidad de PWC están marcados con los siguientes símbolos:

☐ Transparente ☒ Semi-Transparente ☒ Semi-Opaco ☒ Opaco

Die Klassifikation für Transparenz und Opazität für PWC ist mit den folgenden Symbolen gekennzeichnet:

☐ Transparent ☒ Halbtransparent ☒ Halbdeckend ☒ Deckend

PIGMENT(S) [C.I.Name]

International classification numbers for pigments are given.

La clasificación de los números internacionales de los pigmentos se da.

Internationale Klassifikations-Nummern für Pigmente.

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