

104 PW1 *** 104 ☒ Zinc white Zinkwit Blanc de zinc Zinkweiß Blanco de cinc Blanco de zinco	105 PW6 *** 105 ☐ Titanium white Titane wit Blanc de titane Titaneweiß Blanco de titanio Bianco di titanio	289 PW6/PY42 *** 289 ☐ Titanium buff light Titanebuff licht Buff titano clair Titanebuff hell Buff titanio claro Cuoio titano chiaro	290 PW6/PB10/PB41 *** 290 ☐ Titanium buff deep Titanebuff donker Buff titano foncé Titanebuff dunkel Buff titanio oscuro Cuoio titano scuro	222 PW6/PY42 *** 222 ☐ Naples yellow light Napelsgeel licht Jaune de naples clair Napelsgeel hell Amarillo nápoles claro Giallo di napoli chiaro	282 PW6/PY42/PY7 *** 282 ☐ Naples yellow green Napelsgeel groen Jaune de naples vert Napelsgeel grün Amarillo nápoles verde Giallo di napoli verdastro	223 PW6/PB24/PY14 *** 223 ☐ Naples yellow deep Napelsgeel donker Jaune de naples foncé Napelsgeel dunkel Amarillo nápoles oscuro Giallo di napoli scuro	292 PW6/PY42/PB101 *** 292 ☐ Naples yellow red light Napelsgeel rood licht Jaune de naples rouge clair Napelsgeel rot hell Amarillo nápoles rojo claro Giallo di napoli rossastro chiaro	224 PW6/PB24/PY7 *** 224 ☐ Naples Yellow Red Napelsgeel Rood Jaune de naples rouge Napelsgeel Rot Amarillo nápoles rojo Giallo di Napoli Rossastro	217 PW6/PY14 *** 217 ☐ Permanent lemon yellow light Permanentcitrongeel licht Jaune citrin permanent clair Permanentcitrongeel hell Amarillo limón permanente claro Giallo limone permanente chiaro
274 PY14/PW6 *** 274 ☐ Nickel titanium yellow Nikkeltitangeel Jaune titane nickel Nikkeltitangeel Amarillo níquel titanio Giallo di nickel-titanio	243 PY14/PY7 *** 243 ☒ Greenish yellow Groengeel Jaune verdâtre Grüngeel Amarillo verdoso Giallo verdastro	267 PY7 *** 267 ☒ Azo yellow Lemon augeel Jaune azo stront Grüngebl Amarillo azo limón Giallo limone azo	275 PY3/PY74 *** 275 ☒ Primary yellow Primaergeel Jaune primaire Primärgebl Amarillo primario Giallo primario	268 PY74 *** 268 ☒ Azo yellow light Azugeel licht Jaune azo clair Azugeel hell Amarillo azo claro Giallo chiaro azo	272 PY136 *** 272 ☐ Transparent yellow medium Transparantgeel middel Jaune transparent moyen Transparantgeel mittel Amarillo transparente medio Giallo trasparente medio	269 PY74 *** 269 ☒ Azo yellow medium Azugeel middel Jaune azo moyen Azugeel mittel Amarillo azo medio Giallo medio azo	270 PY74/PB34 *** 270 ☒ Azo yellow deep Azugeel donker Jaune azo foncé Azugeel dunkel Amarillo azo oscuro Giallo scuro azo	253 PY74/PB34/PW6 *** 253 ☐ Gold yellow Goudgeel Jaune d'or Goldgebl Amarillo oro Giallo oro	276 PB34/PY74 *** 276 ☒ Azo orange Azo-oranje Orange azo Azorange Amarinjado azo Arancio azo
311 PB34/PY74 *** 311 ☒ Vermilion Vermiljoen Vermilion Zinnber Bermellon Vermiglione	398 PB12/PY74 *** 398 ☒ Naphthol red light Naftholrood licht Rouge naphthol clair Naphtholrot hell Rojo nafthol claro Rosso chiaro naftholo	396 PB12 *** 396 ☒ Naphthol red medium Naftholrood middel Rouge naphthol moyen Naphtholrot mittel Rojo nafthol medio Rosso medio naftholo	317 PY16/PY128 *** 317 ☐ Transparent red medium Transparantrood middel Rouge transparent moyen Transparentrood mittel Rojo transparente medio Rosso trasparente medio	315 PB124 *** 315 ☒ Pyrolox Red Pyroloxrood Rouge Pyrolox Pyroloxrot Rojo pyrolox Rosso pyrolox	399 PB24/PB23 *** 399 ☒ Naphthol red deep Naftholrood donker Rouge naphthol foncé Naphtholrot dunkel Rojo nafthol oscuro Rosso naftholo scuro	318 PB23/PB24 *** 318 ☒ Carmine Karmijn Karmijn Karmijn Carmine	369 PY19 *** 369 ☐ Primary magenta Primairmagenta Magenta primaire Primärmagenta Magenta primario Rosso primario magenta	348 PY19 *** 348 ☒ Permanent red purple Permanentrood paars Rouge permanent pourpre Permanentrood purpur Rojo permanente púrpura Rosso permanente porpora	366 PY19 *** 366 ☒ Quinacridone rose Quinacridonrose Rouge quinacridone Quinacridonrosa Rosa quinacridona Rosa quinacridone
316 PW6/PB12/PY42 *** 316 ☐ Venetian rose Venetiaansroze Rose de venise Venetianischrosa Rosa venetia Rosso veneziano	330 PW6/PB10/PB101 *** 330 ☐ Persian rose Perzischroze Rose persienne Perzischrosa Rosa di persia Rosa di persia	361 PY16/PW6 *** 361 ☐ Light rose Perzischroze Rose clair Hellrosa Rosa chiara Rosa di chiaro	385 PY16/PW6 *** 385 ☐ Quinacridone rose light Quinacridonroze licht Rouge quinacridone clair Quinacridonrosa hell Rosa quinacridona claro Rosa quinacridone chiaro	577 PB122/PW6 *** 577 ☐ Permanent red violet light Permanentroodviolet licht Violet rouge permanent clair Permanentrodviolet hell Violeta rojo permanente claro Violeta rossastro permanente chiaro	567 PY13/PY23 *** 567 ☐ Permanent red violet Permanentroodviolet Violet rouge permanent Permanentrodviolet Violeta rojo permanente Violeta permanente rossastro	344 PY16/PB42/PW6 *** 344 ☒ Caput mortuum violet Caput mortuum violet Tête morte violette Caput mortuum violett Caput mortuum violetto	568 PY23/PY13 *** 568 ☒ Permanent blue violet Permanentblauviolet Violet bleu permanent Permanentblauviolett Violeta azulado permanente Violetto permanente bluastrò	507 PY13/PW6 *** 507 ☐ Ultramarine violet Ultramarin violet Ouzemer violet Ultramarinviolet Azul ultramar violeta claro Blu oltremare violeta chiaro	519 PW6/PB23 *** 519 ☐ Ultramarine violet light Ultramarinviolet licht Ouzemer violet clair Ultramarinviolett hell Azul oltremare violeta claro Blu oltremare viola chiaro
556 PW6/PY23 *** 556 ☐ Lilac Lila Lilas Lila Lila Lilla	505 PW6/PB23 *** 505 ☐ Ultramarine light Ultramarijn licht Ouzemer clair Ultramarine Azul ultramar claro Blu oltremare chiaro	562 PW6/PB15/PB47 *** 562 ☐ Overynk blue Grijsblauw Bleu grisâtre Grünblau Azul grisáceo Blu grigio	504 PB23 *** 504 ☐ Ultramarine Ultramarijn Ouzemer Ultramarine Azul ultramar Oltremare	512 PB26 *** 512 ☒ Cobalt blue (ultramarine) Kobaltblauw (ultramarijn) Bleu de cobalt (ouzermer) Kobaltblau (ultramarin) Azul cobalto (ultramar) Blu di cobalto (oltremare)	572 PB15/PW6 *** 572 ☒ Primary cyan Primaircyan Cyan primaire Primärcyan Cian primario Blu primario cyan	570 PB15 *** 570 ☐ Phthalo blue Phthaloblauw Bleu phthalo Phthaloblau Azul ftalo Blu ftalo	582 PB15/PY7 *** 582 ☒ Manganese blue phthalo Manganeesblauw phthalo Bleu manganèse phthalo Manganeesblau Azul real Blu reale	517 PW6/PB15 *** 517 ☐ King's blue Königsblauw Bleu royal Königsblau Azul real Blu reale	564 PB15/PB2/PW6 *** 564 ☐ Brilliant blue Brilliantblauw Bleu brillant Brilliantblau Azul brillante Blu brillante
551 PW6/PB15/PY7 *** 551 ☐ Sky blue light Hemelblauw licht Bleu celeste clair Himmelblau hell Azul celeste claro Celeste chiaro	566 PB15/PB47 *** 566 ☒ Prussian blue (phthalo) Preussischblauw (phthalo) Bleu de prusse (phthalo) Preussischblau (phthalo) Azul di prussia (ftalo) Blu di prussia (ftalo)	557 PB15/PY7 *** 557 ☐ Greenish blue Groenblauw Bleu verdâtre Grünblau Azul verdoso Blu verde	522 PB15/PB2/PW6 *** 522 ☐ Turquoise blue Turkooisblauw Bleu turquoise Türkiseblau Azul turquesa Blu turchese	660 PW6/PB15/PB15 *** 660 ☐ Turquoise green light Turkooisgroen licht Vert turquoise clair Türkisegrün hell Verde turquesa chiaro Verde turchese chiaro	661 PW6/PB2/PB15 *** 661 ☐ Turquoise green Turkooisgroen Vert turquoise Türkisegrün Verde turquesa Verde turchese	664 PW6/PB2/PY74 *** 664 ☐ Yellowish green light Geelgroen licht Vert jaunâtre clair Gelbgrün hell Verde amarillento chiaro Verde giallastro chiaro	617 PB2/PY74 *** 617 ☒ Yellowish green Geelgroen Vert jaunâtre Gelbgrün Verde amarillento Verde giallastro	605 PB2/PY74 *** 605 ☒ Brilliant green Brilliantgroen Vert perlimp Brilliantgrün Verde brillante Verde brillante	618 PB2/PY74 *** 618 ☒ Permanent green light Permanentgroen licht Vert permanent clair Permanentgrün hell Verde permanente chiaro Verde permanente chiaro
615 PB2/PY74/PW6 *** 615 ☐ Emerald green Paul veronesegroen Vert paul veronèse Paul veronesegrün Verde paolo veronese Verde paolo veronese	619 PB2/PY74 *** 619 ☒ Permanent green deep Permanentgroen donker Vert permanent foncé Permanentgrün dunkel Verde permanente oscuro Verde permanente scuro	675 PB7 *** 675 ☐ Phthalo green Phthalogroen Vert de phthalo Phthalogrün Verde ftalo Verde ftalo	621 PB2/PY74/PB42 *** 621 ☒ Olive green light Olijfgroen licht Vert olive clair Olivgrün hell Verde oliva chiaro Verde oliva chiaro	622 PB2/PY42/PB101 *** 622 ☐ Olive green deep Olijfgroen donker Vert olive foncé Olivgrün dunkel Verde oliva oscuro Verde oliva oscuro	623 PB2/PY42/PB101 *** 623 ☒ Sap green Sapgroen Vert de vessie Saffgrün Verde vejiga Verde vesicica	227 PY42 *** 227 ☐ Yellow ochre Giele oker Ocre jaune Gelber ocker Ocre amarillo Ocre gialla	231 PB101/PY74 *** 231 ☒ Gold ochre Goudokker Ocre d'or Guldocker Ocre oro Ocre d'oro	234 PY42 *** 234 ☐ Raw sienna Sienna naturel Terre de Sienna naturelle Sienna natur Tierra de sienna natural Terra di sienna naturale	411 PB101 *** 411 ☒ Burnt sienna Sienna gebrand Terre de sienna brûlée Sienna gebrannt Tierra de sienna tostada Terra di sienna bruciata
408 PB42/PB41 *** 408 ☒ Raw umber Omber naturel Terre d'ombre naturelle Umber natur Tierra sombra natural Terre d'ombra naturale	409 PB101/PB41 *** 409 ☒ Burnt umber Omber gebrand Terre d'ombre brûlée Umber gebrannt Tierra sombra tostada Terre d'ombra bruciata	403 PB41/PB101 *** 403 ☒ Vandyke brown Van dyckbruin Brun vandyck Vandyckbraun Pardo van dyck Bruno van dyck	718 PW6/PB41/PB101 *** 718 ☐ Warm grey Wamgrys Gris chaud Wamgrau Gris cálido Grigio caldo	750 PW6/PB41/PB15/PY7 *** 750 ☐ Bluish grey light Blauwgrig licht Gris bleuté clair Blaugrau hell Gris azulado claro Grigio bluastrò chi	710 PW6/PB42/PY42 *** 710 ☐ Neutral grey Neutraigris Gris neutre Neutralgrau Gris neutro Grigio neutro	708 PB42/PB15/PY13 *** 708 ☒ Payne's grey Paynesgris Gris de payne Paynegräu Gris Payne Grigio di payne	702 PB47 *** 702 ☐ Lamp black Lampenzwart Noir de bougie Lampenschwarz Negro bujía Nero occhio	735 PB41 *** 735 ☐ Oxide black Oxydzwart Noir oxyde Oxidschwarz Negro óxido Nero ossido	800 Crested Mica/PB41 *** 800 ☒ Silver Zilver Argent Silber Plata Argento
802 Crested Mica *** 802 ☒ Light gold Lichtgoud Or clair Reichgold Oro claro Oro chiaro	803 Crested Mica *** 803 ☒ Deep gold Donkergoud Or foncé Guldocker Oro oscuro Oro scuro	805 Crested Mica *** 805 ☒ Copper Koper Cuivre Kupfer Cobre Rame	811 Crested Mica *** 811 ☒ Bronze Bronze Bronze Bronze Bronze	815 Crested Mica/PB41 *** 815 ☒ Pewter Tin Étain Zinn Estanho Peltro	840 Crested Mica/PB47 *** 840 ☐ Graphite Grafiet Graphit Grafite Grafito Peltro	831 Crested Mica/PY74 *** 831 ☒ Metallic yellow Metaallicgel Jaune métallique Metallischgelb Amarillo metálico Giallo metallizzato	832 Crested Mica/PB24 *** 832 ☒ Metallic red Metaallicrood Rouge métallique Metallischrood Rojo metálico Rosso metallizzato	835 Crested Mica/PY23 *** 835 ☒ Metallic violet Metaallicviolet Violet métallique Metallischviolet Rojo metálico Viola metallizzato	834 Crested Mica/PB15 *** 834 ☒ Metallic blue Metaallicblauw Bleu métallique Metallischblau Azul metálico Blu metallizzato
836 Crested Mica/PY7 *** 836 ☒ Metallic green Metaallicgroen Vert métallique Metallischgrün Verde metálico Verde metallizzato	850 Crested Mica/PB47 *** 850 ☐ Metallic black Metaalliczwart Noir métallique Metallischschwarz Negro metálico Nero metallizzato	817 Crested Mica *** 817 ☐ Pearl white Parelwit Blanc de perle Perlweiß Bianco perla Bianco perla	818 Crested Mica *** 818 ☐ Pearl yellow Parelgelb Jaune de perle Perlglau Amarillo perla Giallo perla	819 Crested Mica *** 819 ☐ Pearl red Parelmood Rouge de perle Perlrot Rojo perla Rosso perla	820 Crested Mica *** 820 ☐ Pearl blue Parelblauw Vert de perle Perlblau Azul perla Blu perla	821 Crested Mica *** 821 ☐ Pearl violet Parelviolet Violet de perle Perlviolet Violeta perla Violeta perla	822 Crested Mica *** 822 ☐ Pearl green Parelgroen Vert de perle Perlgroen Verde perla Verde perla	256 ☒ Reflex yellow Reflexgelb Jaune reflex Reflexgrün Giallo reflex	257 ☒ Reflex orange Reflexorange Orange reflex Reflexorange Anaranjado reflex Arancio reflex
384 ☒ Reflex rose Reflexroze Rose reflex Reflexrosa Rosa reflex Rosa reflex	672 ☒ Reflex green Reflexgroen Vert reflex Reflexgrün Verde reflex Verde reflex								

EXPLANATION OF THE SIGNS

EXAMPLE



Primary yellow
Primaergeel
Jaune primaire
Primärgebl
Amarillo primario
Giallo primario

++ 275
☒

DEGREE OF LIGHTFASTNES

- +++ = at least 100 years lightfast under museum conditions (86 colours)
- ++ = 25 - 100 years lightfast under museum conditions (12 colours)
- + = 10 - 25 years lightfast under museum conditions
- ° = 0 - 10 years lightfast under museum conditions (4 colours)

The lightfastness of all these colours has been tested in accordance with ASTM Standards D4303.

OPACITY

- ☐ = transparent
- ☒ = semi-transparent
- ☒ = semi-opaque
- ☐ = opaque

275 = colour number
PY3/PY74 = pigments used