



03

Underglazes >

Underglazes

Potterycrafts

03.1 >

Underglaze colours (powdered and prepared), Glazes and body stains in powder form

Select

03.4 >

Underglaze colours in powder form, Glazes stains

Underglaze writing

03.5 >

Axner underglaze pens, Underglaze pencils

Amaco

03.6 >

Gloss decorating colours, Liquid underglazes, Designer velvet, Velvet underglazes, Velvet strokes, Tube underglazes, Underglaze colour sets

Duncan

03.9 >

Covercoat, Concept, EZ stroke, Red-coat opaque underglazes

Gare

03.12 >

Gare underglazes, Gare Fun Strokes, Translucent one-strokes, Speciality underglazes

Underglaze colours in powder form

Max firing temperature except where indicated otherwise **1280°C**

Powdered colours should be mixed with a suitable medium in the approximate proportions of 2 parts colour to 1 part medium. These can be diluted further with water for air brush application



Recommended media are:

P4479 – Underglaze medium – A water based gum medium suitable for all applications.

P4264 – Universal medium – A water based medium which gives a creamy, slow drying colour mixture and is best suited for hand painting.

P4256 – Fat Oil and P4261 China Painters Turps – A combination of these two (approximately half/half) mixed with underglaze colours give a slow drying mixture for painting onto bisque ware.

IMPORTANT – Note that when using this medium you must harden on the colours to 800°C before glazing

Underglaze colours in prepared form

Max firing temperature except where indicated otherwise **1280°C**

Below are the references for the prepared equivalent of the above colours

Ref	Description	Ref	Description	Ref	Description
P4151	Mazarine blue	P4161	Bright orange	P4171	Canary yellow 1200°C
P4152	Jay blue	P4162	Dark grey	P4172	Corn yellow
P4153	Flanders blue	P4163	Slate grey	P4173	White
P4154	Persian turquoise	P4164	Bright red 1200°C	P4174	Black 1200°C
P4155	Golden brown 1100°C	P4165	Maroon 1080°C	P4175	Rosso red
P4156	Midnight blue 1260°C	P4166	Brick red 1100°C	P4176	Coral red
P4157	Grass green	P4167	Dusky orange 1200°C	P4177	Mandarin yellow
P4158	Cossack green	P4168	Rose pink 1180°C	P4178	Chestnut brown 1100°C
P4159	Juniper green 1260°C	P4169	Salmon pink		
P4160	Buffalo brown 1260°C	P4170	Purple 1080°C		

Glazes & body stains in powder form

 Max firing temperature except where indicated otherwise **1280 °C**

These stains can be used to add colour to white and transparent glazes and to slips to produce engobes and coloured bodies. They can also be applied to an unfired glaze surface

Suggested concentrations are 5% for glazes and 10% for slips. The amount required and the final colours will be dependent upon the glaze or body used and the firing temperature.

IMPORTANT – Remember thorough mixing and sieving is required to avoid specking.



P4129
Sky blue
1280 °C



P4130
Black
1260 °C



P4131
Crimson maroon
1080 °C **glaze only**



P4132
Mazarine blue
1280 °C



P4133
Red brown



P4134
Honey



P4135
Coral
1200 °C



P4136
Victoria green
1200 °C



P4137
Amulet green



P4138
Lime green



P4139
Grey



P4140
Canary yellow
1280 °C



P4142
Golden brown
1100 °C



P4143
Lincoln green
1200 °C



P4145
Corn yellow
1260 °C



P4146
Orange/red
1280 °C



P4148
Mandarin yellow
1280 °C



P4150
Flesh
body only



P4179
Egg yellow



P4180
Tan pink
glaze only



P4182
Lilac/Deep purple
1200 °C



P4185
Grass green
1280 °C



P4186
Rose/Blush pink
1080 °C **glaze only**



P4187
Deep red
1250 °C



P4188
Bright orange
1250 °C

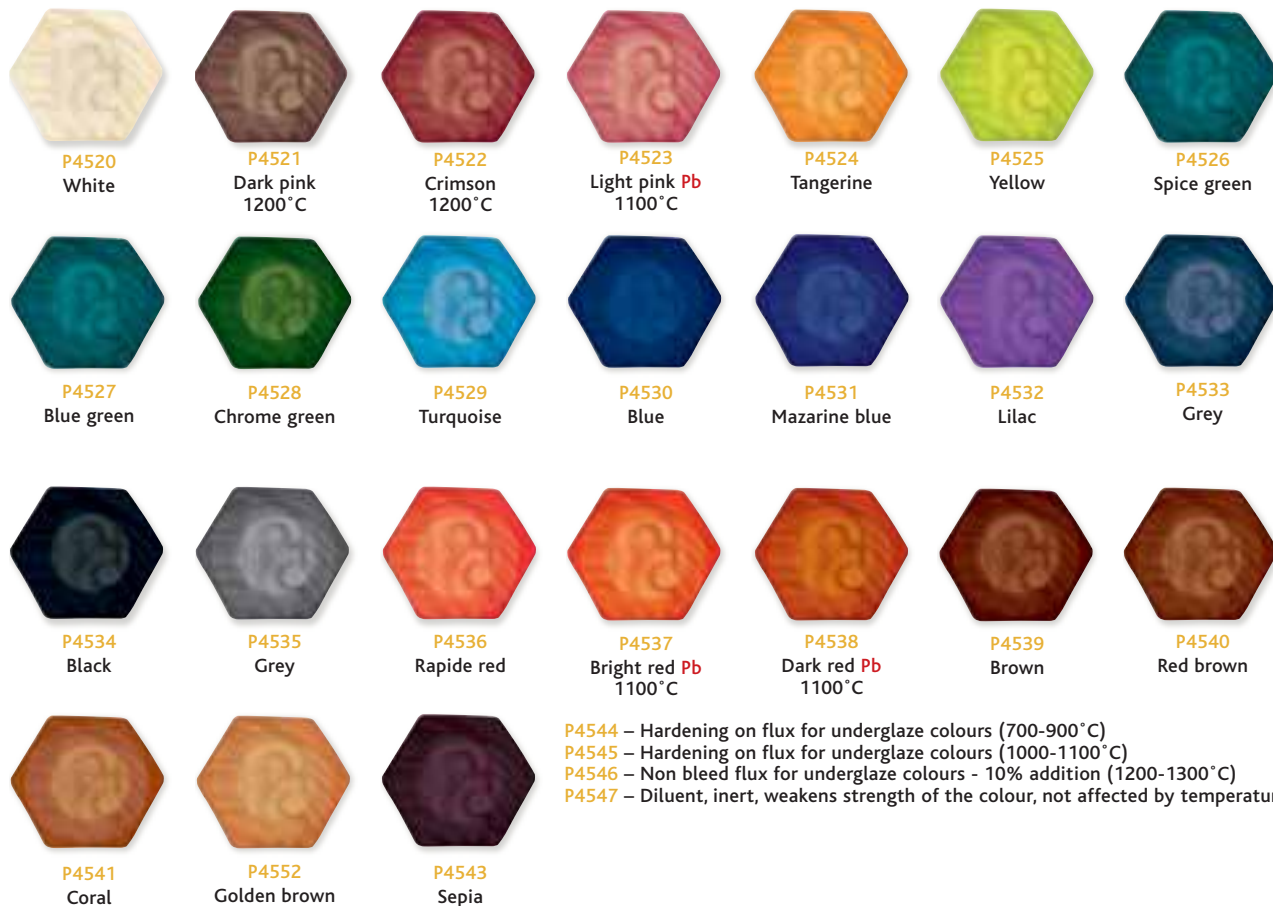


P4189
Bright yellow
1250 °C

Underglaze colours in powder form

Max firing temperature except where indicated otherwise **1300°C**

These underglazes can be applied to both bisque and greenware. Adhesion of the colour is improved by intermixing with transparent flux. A ratio of 2 parts colour to 1 part flux is recommended



Glaze stains in powder form

Max firing temperature except where indicated otherwise **1300°C**

All the select glaze stains are intermixable with the exception of P4505 and P4507



AXNER underglaze pens

							
P4001 Black 1280°C	P4002 White 1280°C	P4003 Turquoise 1280°C	P4004 Chartreuse 1200°C	P4005 Dark green 1200°C	P4006 Rose 1100°C	P4007 Orange 1280°C	P4008 Medium blue 1280°C
							
P4009 Dark blue 1280°C	P4010 Pink 1100°C	P4011 Lilac 1280°C	P4012 Purple 1280°C	P4013 Maroon 1100°C	P4014 Bright yellow 1280°C	P4015 Red 1280°C	

Replacement nib

To order the correct nib, please quote the following relevant code F- Fine, XF - Extra Fine, M - Medium, B - Bold
For replacement nib, order reference **P4000** and the relevant code



Underglaze pencils

Max firing temperature except where indicated otherwise **1260°C**

	P4082 Red 1100°C
	P4083 Yellow 1100°C
	P4084 Leaf green
	P4085 Purple 1100°C
	P4086 Bottle green
	P4087 Dark blue
	P4088 Brown
	P4089 light blue
	P4090 Light brown
	P4091 Amulet green
	P4092 Damask red 1100°C
	P4093 Black



Gloss decorating colours

04 cone

1040-1060°C

Application techniques

- 1 One step method - apply directly onto cone 04 bisque (1060°C), clear glaze and fire (hardening on fire not necessary)
- 2 Majolica - colour is applied onto the appropriate white opaque (unfired glazed surface) then fire to Stoneware or Earthenware temperature
- 3 All over coverage - a satin all over effect can be achieved with a minimum of two coats without glazing then fired



GDC-1
Black



GDC-10
White



GDC-26
Medium blue



GDC-42
Hunter green



GDC-53
Light red



GDC-60
Yellow

Liquid underglazes

04 cone

1040-1220°C



LUG1
Black



LUG10
White



LUG15
Warm grey



LUG20
Light blue



LUG21
Medium blue



LUG22
Dark blue



LUG25
Turquoise



LUG26
Aqua



LUG30
Light brown



LUG31
Mahogany brown



LUG40
Chartreuse



LUG41
Irish green



LUG42
Blue green



LUG43
Dark green



LUG50
Pink



LUG51
Rose



LUG52
Peach



LUG53
Suntan



LUG54
Lilac



LUG55
Purple



LUG56
Maroon



LUG60
Light yellow



LUG61
Bright yellow



LUG65
Orange

Designer velvet

04 cone

1040-1220°C

Soft speckled effect coverage

- 1 coat—translucent
- 3 coats—opaque



DV3302
Canyon beige



DV3308
Desert sun



DV3316
Navajo pink



DV3320
Indian crystal



DV3325
Apache blue



DV3327
Turquoise stone



DV3328
Fossil grey



DV3334
Sand dune



DV3354
Cactus green



DV3360
Feather white



DV3367
Tumbleweed



DV3368
Pink ivory



DV3369
Sandstorm



DV3371
Rosy mauve



DV3372
Desert grass



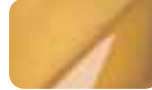
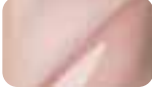
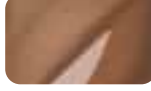
DV3374
Painted desert

Velvet underglazes

04 cone

1040-1220°C

- 1 coat—translucent
- 3 coats—opaque

							
V301 Ivory beige	V302 Beige	V303 Terra-cotta	V304 Straw	V308 Yellow	V309 Deep yellow	V310 Tan	V313 Red brown
							
V314 Chocolate brown	V315 Peach	V316 Light pink	V317 Medium pink	V318 Rose	V320 Lavender	V321 Lilac	V322 Purple
							
V323 Salmon	V325 Baby blue	V326 Medium blue	V327 Turquoise blue	V328 Iceberg blue	V332 Teal blue	V333 Avocado	V334 Flaxen
							
V336 Royal blue	V341 Blue green	V343 Chartreuse	V345 Light green	V350 Orange	V353 Dark green	V354 Leaf green	V355 Shadow green
							
V356 Pearl grey	V357 Dark grey	V360 White	V361 Jet black	V366 Teddy bear brown	V367 Mist grey	V368 Antique ivory	V369 Fawn
							
V370 Velour black	V371 Rosy mauve	V372 Mint green	V373 Medium brown	V374 Royal peach	V375 Maroon	V376 Hunter green	V380 Violet
							
V381 Amethyst	V382 Red	V383 Light red	V384 Real orange	V385 Cinnamon	V386 Electric blue	V387 Bright red	V388 Radiant red
							
V389 Flame red	V390 Bright orange	V391 Intense yellow					

Velvet strokes

04 cone

1040- 1220°C



VS1308
Yellow



VS1309
Deep yellow



VS1313
Red brown



VS1314
Chocolate brown



VS1317
Medium pink



VS1322
Purple



VS1326
Medium blue



VS1336
Royal blue



VS1345
Light green



VS1353
Dark green



VS1360
White



VS1370
Black

• These colours are made from stronger pigments than AMACO VELVETS and are better for outlining

Lead free tube underglazes

04 cone

1040-1220°C

Ref	Description
R5034	Maroon
R5035	Light Yellow
R5036	Dark Blue
R5037	Blue Green
R5038	Dark Green
R5039	Black
R5040	Light Brown

Ref	Description
R5041	White
R5042	Turquoise
R5043	Lilac
R5044	Medium Blue
R5045	Pink
R5047	Mahogany Brown
R5048	Bright Yellow

Ref	Description
R5049	Irish Green
R5050	Purple
R5053	Rose
R5054	Orange
R5056	Chartreuse

Underglaze colour sets

04 cone

1040-1220°C

Underglaze chalk crayon kits. Small pieces of chalk can be dissolved in water for painting or spraying

Ref	Description
R5026	U/C Chalk Crayon set 208 – Turquoise, yellow, rose, dark blue, brown, dark green, black, white
R5027	U/G Chalk Crayon set 209 – Lilac, yellow-green, gray, medium green, light brown, blue-green, dark brown, medium blue

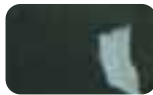
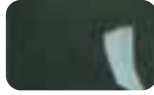
Semi-moist underglaze decorating colours pans and tube set. Good for water colour effect and painting of fine details

Ref	Description
R5028	U/G pan set 108 - Maroon, light yellow, dark blue, blue green, dark green, black, light brown, white
R5029	U/G pan set 109 – Turquoise, lilac, medium blue, pink, warm gray, mahogany brown, bright yellow, Irish green
R5030	U/G pan set 110 – Purple, light blue, aqua, rose, orange, peach, chartreuse, sun tan
R5031	U/G tube set 408 – Maroon, light yellow, dark blue, blue green, dark green, black, light brown, white
R5032	U/G tube set 409 – Turquoise, lilac, medium blue, pink, warm gray, mahogany brown, bright yellow, Irish green
R5033	U/G tube set 410 – Purple, light blue, aqua, rose, orange, peach, chartreuse, sun tan

Covercoat

04 cone

1040-1060°C

							
CC101 Arctic white	CC102 Ivory pearl	CC103 Lotus yellow	CC105 Sungold yellow	CC106 Harvest gold	CC108 Miami pink	CC109 Sunset pink	CC111 Dresden flesh
							
CC112 Light flesh	CC117 Walnut brown	CC118 Cobalt black crystal	CC119 Charcoal	CC120 Samoa taupe	CC121 Temple grey	CC122 Moonstone grey	CC126 Spring green
							
CC127 Fern green	CC128 Everglade green	CC129 Forest green	CC131 Teal blue	CC132 Fiesta turquoise	CC133 Turquoise	CC134 Stardust blue	CC135 Lake blue
							
CC136 Marlin blue	CC137 Regency purple	CC139 Orchid	CC140 Morocco red	CC141 Light yellow	CC142 Canary yellow	CC143 Yellow orange	CC144 Burnt orange
							
CC145 Indian red	CC146 Purple	CC148 Deep turquoise	CC150 Medium green	CC151 Rose	CC152 Peach	CC153 Avocado	CC154 Cobalt navy blue
							
CC156 Medium brown	CC157 Darkest brown	CC158 Bright green	CC159 Bright blue	CC160 Deep purple	CC161 Blue green	CC163 Danish blue	CC164 Ice grey
							
CC165 Black brown	CC169 Peaches 'n cream	CC171 Butterscotch	CC172 Plum blossom	CC173 Cobblestone	CC174 Kentucky bluegrass	CC178 Pecos pink	CC180 Papago turquoise
							
CC181 Indian summer	CC182 Watermelon red	CC183 Cherry red	CC184 Orange peel	CC185 Apricot	CC186 Tomato red	CC187 Rustic red	CC188 Lilac
							
CC189 Violet	CC190 Baby blue	CC191 Marine blue	CC192 Dark blue	CC193 Hunter green			

Underglazes >

03.10

Underglazes :: Duncan

Concept

04 cone

1040-1060°C



CN011
Light straw



CN012
Bright straw



CN013
Dark straw



CN021
Light saffron



CN022
Bright saffron



CN031
Light butternut



CN032
Bright butternut



CN033
Dark butternut



CN041
Light papaya



CN042
Bright papaya



CN043
Dark papaya



CN052
Bright tangerine



CN053
Dark tangerine



CN061
Light salsa



CN062
Bright salsa



CN063
Dark salsa



CN071
Light scarlet



CN072
Bright scarlet



CN073
Dark scarlet



CN081
Light wine



CN082
Bright wine



CN083
Dark wine



CN101
Light heather



CN102
Bright heather



CN103
Dark heather



CN111
Light delft



CN112
Bright delft



CN113
Dark delft



CN121
Light nautical



CN122
Bright nautical



CN123
Dark nautical



CN131
Light tidepool



CN132
Bright tidepool



CN133
Dark tidepool



CN141
Light aqua



CN142
Bright aqua



CN151
Blue spruce



CN152
Bright blue spruce



CN153
Dark blue spruce



CN161
Light wintergreen



CN162
Bright wintergreen



CN163
Dark wintergreen



CN171
Light kelp



CN172
Bright kelp



CN173
Dark kelp



CN181
Light kiwi



CN182
Bright kiwi



CN183
Dark kiwi



CN201
Light grey



CN202
Bright grey



CN203
Dark grey



CN211
Light taupe



CN212
Bright taupe



CN213
Dark taupe



CN221
Light blush



CN222
Bright blush



CN232
Bright briarwood



CN233
Dark briarwood



CN241
White



CN253
Dark black



CN261
Light grape



CN263
Dark grape



CN271
Light jade



CN272
Bright jade



CN281
Light brown



CN282
Bright brown



CN291
Light purple



CN292
Bright purple



CN293
Dark purple



CN302
Bright caribbean

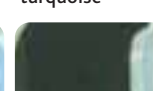
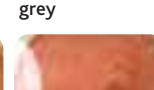
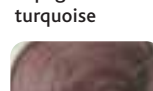
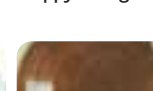
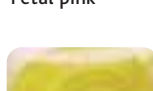
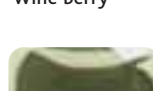
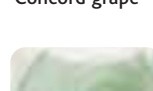
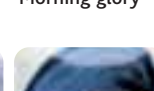
Coverage

- 1 coat-translucent
- 3 coats-opaque

EZ-stroke

04 cone

1040-1060°C

							
EZ002 Cinderella pink	EZ003 Irish Green	EZ004 Willow yellow	EZ005 Sierra yellow	EZ006 Forget-me-not blue	EZ007 Royal purple	EZ008 Ruby red	EZ010 French brown
							
EZ011 Sienna brown	EZ012 Cobalt jet black	EZ013 White	EZ014 Jade green	EZ016 Grass green	EZ017 Dark turquoise	EZ018 Chartreuse	EZ019 Smoke grey
							
EZ020 Mulberry	EZ022 Flesh tone	EZ023 Midnight blue	EZ024 Royal blue green	EZ025 Lemon yellow	EZ026 Yellow orange	EZ027 Navajo turquoise	EZ028 Leaf green
							
EZ030 Rose	EZ031 Light blue	EZ032 Peacock green	EZ033 Ivy green	EZ034 Orange	EZ035 Dutch blue	EZ037 Black	EZ038 Medium mahogany
							
EZ039 Dark brown	EZ041 Denim blue	EZ042 Teal	EZ043 Mint julep	EZ044 Cobblestone	EZ047 Thundercloud grey	EZ048 Mesa clay	EZ050 Pueblo purple
							
EZ051 Santa Fe sunset	EZ052 Pecos pink	EZ053 Hacienda jade	EZ054 Papago turquoise	EZ055 Indian summer	EZ056 Brick red	EZ057 Coral red	EZ058 Poppy orange
							
EZ059 Buttercream	EZ061 Petal pink	EZ063 Wine berry	EZ064 Concord grape	EZ065 Periwinkle	EZ066 Morning glory	EZ067 True taupe	EZ068 Roasted chestnut
							
EZ069 Azure blue	EZ070 Olive green	EZ071 Dark olive	EZ072 Romaine	EZ073 Violet	EZ074 Dark navy		

Red-coat opaque underglazes

04 cone

1040-1060°C

		
RC201 Flaming red	RC204 Ripe tomato	RC207 Cherry red

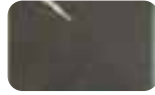
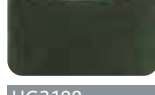
Underglazes >

03.12 Underglazes :: Gare

Gare underglazes

04 cone

1040-1060°C

							
UG2101 Oyster white	UG2102 Grecian grey	UG2103 Black pearl	UG2104 Espresso	UG2105 Cocoa	UG2107 Wheat	UG2108 Lemon peel	UG2110 Lettuce
							
UG2111 Winter apple	UG2112 Moss	UG2113 Holly	UG2115 Peacock	UG2116 Bristol blue	UG2117 Blueberry	UG2118 Princess blue	UG2119 Star blue
							
UG2121 Wood violet	UG2122 Pansy purple	UG2123 Loganberry	UG2124 Raspberry	UG2126 Rose fantasy	UG2128 Pert pink	UG2130 Flesh	UG2131 Golden orange
							
UG2132 Pink carnation	UG2133 Neptune green	UG2136 Buckwheat	UG2139 Sage green	UG2140 Militia blue	UG2143 Terra cotta	UG2144 Speckle brown	UG2149 Pineapple
							
UG2151 Chalk blue	UG2152 Tiffany green	UG2153 Beach pebbles	UG2154 Concord blue	UG2156 Bright blue	UG2157 Ivory	UG2158 Light flesh	UG2159 Oriental flesh
							
UG2160 Twine	UG2162 Chipmunk	UG2164 Sunflower	UG2167 Indian red	UG2168 Rust	UG2169 Periwinkle blue	UG2172 Parchment	UG2175 Antique green
							
UG2178 Jade mist	UG2183 Hunter green	UG2184 Desert turquoise	UG2185 Medium brown	UG2190 Electric blue	UG2192 Pure white	UG2193 Saffron	UG2194 Carrot
							
UG2195 Pimento	UG2196 Poppy red	UG2197 Forest green	UG2198 Pure black				

Gare Fun strokes

04 cone

1040-1060°C

							
GFS2300 Polar bear	GFS2301 Smiley face	GFS2302 Orange peel	GFS2303 Lime ricky	GFS2304 Green acres	GFS2305 Blue heaven	GFS2306 Blue by U	GFS2307 Firecracker
							
GFS2308 In the pink	GFS2309 Red rover	GFS2310 Teal tomorrow	GFS2311 The color purple	GFS2312 Black raspberry	GFS2313 Happy trails	GFS2314 Black lab	GFS2315 What a yolk
							
GFS2317 Arizona sun	GFS2318 The naked truth	GFS2319 This li'l piggy	GFS2320 Grape escape	GFS2321 Berry nice	GFS2323 Jumpin' juniper	GFS2324 Hint O mint	GFS2325 Happy go lucky
							
GFS2326 Fir ever green	GFS2327 Blazing saddle	GFS2328 Mocha chino	GFS2329 Hi Ho silver	GFS2333 Indian summer	GFS2335 Tickled pink	GFS2336 Wineona	GFS2337 Li'l boy blue
							
GFS2338 Galaxy	GFS2339 Calypso	GFS2340 Hi ho silver	GFS2341 Kermit	GFS2342 M.A.S.H	GFS2343 Peachy keen	GFS2348 Red alert	GFS2349 Tweety bird
							
GFS2350 Golden retriever	GFS2351 Yellow pencil	GFS2352 Mauvelous	GFS2353 Grape slush	GFS2354 Something blue	GFS2355 Nantucket blue	GFS2356 Pepe le blue	GFS2357 Newt blue
							
GFS2358 Copenhagen	GFS2359 Lime light	GFS2360 Oliveoyle	GFS2361 Leap frog	GFS2362 Jungle fever	GFS2363 Forest gump	GFS2364 Butterscotch	GFS2365 Mocha rose
							
GFS2366 Chocolate moose	GFS2368 Old yeller	GFS2369 Cream puff	GFS2370 Buck naked	GFS2371 Coffee-n-Cream	GFS2372 Mocha fudge	GFS2374 Blue ice	GFS2375 Jumpin' jelly
							
GFS2376 Bouncin' berry	GFS2377 Pumpkin pie	GFS2378 Pea soup	GFS2379 Simply cinnamon	GFS2380 Gosh garnet			

Underglazes >

03.14 Underglazes :: Gare

Gare fun strokes underglazes

04 cone

1040-1060°C



GFS2381
BeBoppin' blue



GFS2382
Tahiti teal



GFS2383
Mellow yellow



GFS2384
Pinkie winkie



GFS2385
Sweet pea



GFS2386
Pail blue



GFS2387
Pool party



GFS2388
Peach fuzz



GFS2389
Sammy salmon



GFS2400
Butter me up



GFS2401
Re-O-range



GFS2402
Red about it



GFS2403
Get a grape



GFS2405
Granny smith



GFS2406
Basket case



GFS2407
Blazing berry



GFS2408
Bananarama



GFS2409
Purple rain



GFS2410
Blizzard blue



GFS2411
Blue galaxy



GFS2412
The patriot



GFS2413
Pink passion



GFS2414
Lizard lime



GFS2415
Sand castle



GFS2416
Funfetti

Translucent one-strokes

04 cone

1040-1060°C



TOS2201
Egyptian turquoise



TOS2203
Holiday blue



TOS2204
Blue jewel



TOS2206
Spanish moss



TOS2210
Golden gem



TOS2211
Bittersweet



TOS2212
Rosewood tan



TOS2213
Fiji



TOS2214
Saddle brown



TOS2215
Onyx



TOS2216
Wineberry



TOS2219
Salome pink



TOS2221
Lipstick red



TOS2223
Mission white



TOS2231
Chartreuse



TOS2234
Avocado



TOS2236
Chinese blue



TOS2243
Daffodil



TOS2244
Mango



TOS2245
Papaya



TOS2246
Candy apple



TOS2250
Teal



TOS2252
Cobalt black



TOS2253
Deep forest

Speciality underglazes

04 cone

1040-1060°C



SUG2142
Red



SUG2146
Lobster red