

High performance quality ceramic color stains, superfine particle size ready-to-use. Suitable for decorating by decal, colored glazes, inglazes and underglazes colors on earthenware, stoneware and porcelain. Available in 30 colors with the application follows.

No.	Color	Composition	Max°C	RF	Mixing Groups	Recommended Formulas	Reference: Code
SF-6140	Black/Co-Free	CrFe	1300	1	F	8% G1	2, 4
SF-6149	Black	CrFeMnCoNi	1300	3	F	8% G1	1, 5
SF-6168	Stone Grey	CrCoNiAlSnZr	1280	2	A	8% G1	1
SF-6250	Royal Blue	CoAlZn	1300	1	A	3% G1	1, 3, 5
SF-6256	Cobalt Blue	CoSi	1300	1	A	3% G2	1, 3, 5
SF-6258	Deep Blue	CoCrFeAlSiZr	1300	1	A	3% G1	1, 3, 5
SF-6262	Teal Blue	CrCoAl	1300	1	A	3% G1	1, 5
SF-6280	Turquoise	ZrSiV	1300	2	A	8% G1	1, 5
SF-6300	Chocolate	CrFeMn	1300	2	B, F	6% G1	1, 3
SF-6301	Dark Brown	CrFeMnZn	1300	2	B, F	6% G1	1, 3
SF-6336	Red Brown	CrFeZn	1300	2	B, F	6% G2	1, 3, 5
SF-6339	Salmon Brown	CrFeAlZn	1280	2	B, F	6% G2	1, 3
SF-6412	Chrome Green	CrAlSi	1300	1	A	3% G1	2, 4, 5
SF-6449	Dark Green	CrCoSiZn	1300	1	A	3% G1	1, 4, 5
SF-6450	Peacock	CrCo	1300	1	A	3% G1	1, 4, 5
SF-6466	Bright Green	ZrSiCrPrV	1280	-	A	8% G1	1
SF-6500	Scarlet	ZrSiCdSeS	1250	3	C	10% G4	1
SF-6502	Bright Red	ZrSiCdSeS	1250	3	C	10% G4	1
SF-6521	Red Orange	ZrSiCdSeS	1250	3	C	10% G1	1
SF-6527	Coral	ZrSiFe	1250	-	A, C	8% G1	1
SF-6530	Pink	MnAl	1300	1	E	6% G3	2, 5
SF-6533	Alumina Pink	CrAlZn	1300	-	A	8% G5	3
SF-6535	Rose	CrSn	1250	-	D	8% G1	2, 4
SF-6540	Maroon	CrSn	1250	-	D	10% G1	2, 4
SF-6550	Violet	CrSn	1250	1	D	10% G1	2, 4
SF-6575	Lilac	MnAlCo	1300	1	E	6% G3	2, 5
SF-6601	Mandarin	ZrSiCdS	1280	2	C	8% G4	1
SF-6623	Praseodymium	ZrSiPr	1280	-	A, C	10% G1	1, 5
SF-6627	Vanadium Yellow	ZrV	1280	-	A, C	8% G1	1, 5
SF-6645	Bright Orange	ZrSiCdSeS	1280	2	C	10% G4	1

Glaze Formulas:	G1	G2	G3	G4	G5
Potash Feldspar	13.1	23.0	33.2	40.0	12.4
Sodium Feldspar	17.0	7.3	-	-	15.9
Calcite	18.2	16.0	-	15.0	1.9
Dolomite	2.6	1.1	-	1.9	12.0
Barium Carbonate	2.8	5.8	-	2.1	4.4
Strontium Carbonate	-	-	-	0.6	-
Wallastonite	-	-	21.4	-	-
Zinc Oxide	-	3.1	-	0.1	7.4
China Clay	8.6	7.8	6.8	8.0	7.7
STD. Stone #2	14.5	8.5	31.0	10.8	25.4
Silica Flour	23.2	27.4	7.6	21.5	6.6
Zirconium Silicate	-	-	-	-	6.3
% By weight	100.0	100.0	100.0	100.0	100.0
Firing Range: 1200-1220°C	[1240-1280°C]				

RF = Reduction Firing

1: Excellent 2: Good 3: Slightly

Mixing Groups: A, B, C, D, E, F

= Intermixable in each group

Reference Application:

1. Can be used with all type glazes.
2. Do not use in Zinc glaze
3. Zinc not necessary but give better results.
4. Rich in Calcium, Zinc and Boron no to low.
5. Can be used as body stain high temperature.