

MASON STAINS

Mason Stains are combinations of fritted oxides, insuring uniformity of color. They can be used to stain glazes, slips, engobes, and clay bodies. The colors will vary according to the glaze and firing temperature. Some colors, such as orange, yellow, pink, & purple may be fugitive at high temperatures. The typical proportions are from 1-10%, with increasing intensity as percentages increase. For testing colors, try a 4% addition of stain to glaze. These percentages & temperature ranges are guidelines only-ALWAYS TEST! Pastel colors are produced by the addition of tin or Zircon opacifiers in small amounts. The white extender may be used to make pastels from all colors, except the pink family, for which the pink extender should be used.

#	COLOR	COMPOSITION	CODE	1/4 LB	1/2 LB	1 LB
6001	Alpine Rose	CrSn	3,5	3.70	6.75	12.45
6003	Crimson	CrSn	3,5	3.70	6.75	12.45
6007	Peach	CrSnV	3,5	3.80	7.10	13.15
6009	Coral	CrSnV	3,5	3.55	6.55	12.05
6020	Mn Alumina Pink	AlMn	1,3	2.70	4.90	8.80
6023	Clover Pink	CrSnVZr	3,5	3.40	6.25	11.45
6098	Flesh	CrSn	3,5	3.25	6.00	10.95
6100	Woodland	AlCrFeSiZn	3,6,7	2.75	5.05	9.05
6121	Saturn Orange	AlCrFeZn	3,6,7	2.80	5.10	9.20
6122	Cedar Brown	AlCrFeZn	3,6,7	2.85	5.20	9.35
6126	Hazelnut Brown	AlCrFeZn	1,3,7	2.85	5.15	9.30
6129	Golden Ambrosia	CrFeZn	3,6,7	2.80	5.05	9.10
6134	Red Brown	CrFeZn	1,3,6,7	2.80	5.05	9.10
6163	Tan	CrFeZnAl	3,6,7	2.80	5.10	9.15
6190	Deep Brown	CrMn	3,6,7	2.35	4.15	7.30
6202	Florentine	CrCoSi	1,3,6,8	3.25	5.95	10.90
6219	French Green	CaCoCrSiZn	1,3,5,8	2.80	5.10	9.20
6223	Ivy Green	CrAlSi	3,5	3.00	5.45	9.90
6236	Chartreuse	ZrVSn	1,3,6	4.05	7.55	14.05
6242	Bermuda Green	PrVZr	1,3,6	2.75	5.05	9.05
6263	Victoria	CrCa	3,5	2.90	5.25	9.45
6266	Peacock Green	CoCr	1,3,6,8	4.45	8.40	15.75
6300	Mazerine	CoSiZn	1,3,6	4.55	8.55	16.10
6302	Cadet Blue	CrCoAlSiSn	1,3,6	3.75	7.00	13.00
6310	Wedgewood	CoAlSi	1,3,6	4.10	7.65	14.30
6319	Lavender	AlCoMn	1,3	2.80	5.10	9.20
6332	Orchid	CrSnCo	3,5,9	3.55	6.55	12.10
6363	Sky Blue	CoAlSi	1,3,6	2.60	4.70	8.35
6364	Turquoise	ZrV	1,3,6	2.85	5.20	9.35
6371	Dark Teal Blue	AlCoCr	1,3,6	4.20	7.90	14.80
6381	Blackberry Wine	CrSnCo	3,5,9	3.70	6.85	12.65
6385	Pansy Purple	CrSnCo	3,5,9	3.75	7.00	12.95
6404	Vanadium Yellow	Sn V	1,3,6	4.25	7.95	14.90
6471	Old Gold	SnVCrFeZn	1,3,6	3.55	6.60	12.20
6485	Titanium Yellow	CrSbTi	1a,3	2.75	5.00	8.95
6500	Sage Gray	CrCoNiSi	3,6	3.20	5.90	10.75
6503	Taupe Gray	CrFeAlSiZr	3,5	2.45	4.40	7.80
6528	Charcoal	CoCrFeNiSn	3,6	4.15	7.80	14.60
6530	Silver Gray	CoCrFeNiSn	3,6	4.25	8.00	15.00
6540	Blue Gray	CoCrFeNiSn	3,6	4.05	7.55	14.05
6601	Black	CrFeAlSiZr	1,3,6	3.95	7.35	13.70
6616	Chrome Free Black	CoFeMn	1,3,6	4.10	7.70	14.35
6700	White Extender	ZrAlSi	3,6,8	2.45	4.35	7.65
6067	Pink Extender	SnCaSi	3,5	3.45	6.35	11.70

CODES: 1. Can be used as a body stain in porcelain at high temperatures.

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| <ul style="list-style-type: none"> 1a. Use as a body stain only. 2. Max firing temperature 2156 F. 3. Max firing temperature 2390 F. 4. Max firing temperature 1976 F. 5. Do not use zinc in the glaze. | <ul style="list-style-type: none"> 6. May be used with or without zinc. 7. Zinc not necessary, but gives better results. 8. Best results with no zinc. 9. Glaze must contain 12-15% whiting. |
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