

บริษัท อัมรินทร์เซรามิกส์คอร์ปอเรชั่น จำกัด

Tel: 0-2961-7224-5, Fax 0-2961-7267

27/1 Moo 3 Tambon Lampoo, Bang-Bua Thong

Email : info@amarinceramics.com

Nontaburi 11110

TECHNICAL DATA SHEET

Metallic Color

Metallic colors for porcelain, bone china, stoneware, earthenware and enamel for onglaze application in normal and fast firing.

The colors of “ **Metallic** ” range provide you with the following advantage:

- ❑ Smoother, hygienic and easy-to-clean, showing the metallic effects.
- ❑ Remarkable color shades.
- ❑ Non-arcng. Does not conduct electricity.
- ❑ Acid/alkali resistance, highly chemical resistance.

Code	Color shades	Code	Color shades
M – 3100	Silver White	M – 3420	Green
M – 3165	Pewter	M – 3425	Celadon Green
M – 3210	Blue	M – 3550	Lilac
M – 3222	Aqua blue	M – 3560	Violet
M – 3311	Bronze	M – 3620	Gold
M – 3323	Copper Gold	M – 3630	Yellow Gold
M – 3334	Copper Red	M – 3640	Royal Gold
M – 3340	Russet Red	M – 3650	Antique Gold

Miscibility

The colors of “ Metallic “ range are all intermixable. We recommend you to check the mixtures for color stability under your own firing condition.

บริษัท อัมรินทร์เซรามิกส์คอร์ปอเรชั่น จำกัด

Tel: 0-2961-7224-5, Fax 0-2961-7267

27/1 Moo 3 Tambon Lampoo, Bang-Bua Thong

Email : info@amarinceramics.com

Nontaburi 11110

The colors of “ Metallic “ range can be used for the following application methods:

- ❑ Direct Screen Printing, Indirect Screen Printing or Transfer Printing
- ❑ Spraying
- ❑ Lining and Banding

For Screen printing application (Direct and Indirect)

We recommend : Polyester screens 77T-100T
Color : medium 10 : 16-20

*Medium recommend no. 25 – 810(thix medium) or no. 25 – 450(flow medium).

*Covercoat recommend LI 406/Thix series screen 32T

For lining and banding

We recommend : Color : medium 10 : 12 – 20

*Medium recommend MW 300 or MW 320 can be thinner with water or ethanol ready for use.

Spraying Colour:25-450:Turpentine or 25-216 =10:12-16:2-4

* Turpentine or 25-216 add for adjust flowing property.

Firing

Type of Body	Normal Firing	Fast firing
Porcelain	800 – 850 °C/appr. 4 h	820 – 870 °C/appr. 2 h
Bone China	750 – 800 °C/appr. 4 h	780 – 830 °C/appr. 2 h
Stoneware	780 – 820 °C/appr. 4 h	800 – 850 °C/appr. 2 h
Earthenware & Tile	720 – 780 °C/appr. 4 h	780 – 850 °C/appr. 2 h
Enamel	-	780 – 820 °C/appr. 2 h

Lead free colors should not be fired together with the lead containing colors as the evaporating fumes could have adverse effects on the heavy metal release.