

Technical Information

DF50

Performance Pigments and Colors

Palette 70 - Lead Containing, Resistant Decorating Colours

In this Technical Information Ferro presents the Palette 70 colours, resistant onglaze colours for porcelain, bone china, vitreous china and earthenware.

In normal firing (3-10 h) the temperature for porcelain should be between 800 and 850 °C, ideally at 830 °C.

For earthenware, the temperature should be higher than 770 °C. The optimum firing temperature depends on the glaze. In a continuous kiln (roller kiln) in fast firing (60 to 120 minutes), the firing temperature for porcelain lies between 850 and 920 °C or 950 and 1050 °C, resp.

Reference	Colour Shade	Normal Firing 850-920 °C	Fast Firing		Pantone® Code ¹	ABC Status ²
			850-920 °C	950-1050 °C		
11 870	Linden Green	+	+	+	7495 c	A
11 1886	Blue Green	+	+	+	3155 c	B
11 887	Reed Green	+	+	+	329 c	A
11 888	Chrome Green	+	+	+	364 c	A
12 815	New Blue	+	+	+	660 c	A
12 870	Light Blue	+	+	+	2975 c	B
12 872	Blue	+	+	+	7455 c	A
13 871	Yellow	+	+	+	7404 c	A
13 884	Cadmium Yellow	-	+	-	7405 c	A
13 886	Cadmium Yellow	+	-	-	7405 c	A
14 871	Black	+	+	+	426 c	A
15 872	Mouse Grey	+	+	+	415 c	A
15 885	Grey	+	+	+	7543 c	B
15 886	Blue Grey	+	+	+	7544 c	A
16 870	Antique Gold	+	+	+	131 c	B
16 871	Ochre	+	+	+	1595 c	A
16 872	Brown	+	+	-	483 c	B
16 873	Red Brown	+	+	+	490 c	A
16 875	Chocolate Brown	+	+	+	4975 c	A
17 1871	Cadmium Orange	+	+	-	144 c	B
17 1872	Cadmium Red, Light	+	+	-	179 c	A
17 1874	Cadmium Red, Dark	+	+	-	187 c	A
17 875	Iron Red	+	+	-	484 c	B
17 893	Cadmium Red, Dark	-	+	-	187 c	A
17 894	Cadmium Red	+	+	-	1795 c	A
19 870	Mixing White	+	+	+		A
19 872	Opaque White	+	+	+		A
78 811	Cobalt Blue	+	+	+	5265 c	A
10 117	Mixing and Coating Flux	+	+	+		A
10 140	Transparent Flux	+	+	+		A

¹ The above mentioned Pantone® code is only a guideline for the colour shade.

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² A: Product is normally available from stock (safety stock).

B: Product may be on stock, but a new batch will only be produced when a customer order arrives (no safety stock).

C: Product will be produced only after customer order arrives. The minimum order quantity is a full batch. No stock.

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