

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 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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