

CerDeChromAdvanz

Ceramic Colour Management System

Seven-Colour Printing (profile og7a.3)

Onglaze Colours for the decoration of porcelain, bone china, vitreous china and earthenware

Firing range: 780 - 900°C

CerDeChromAdvanz gives us the opportunity of doing the first seven-colour printing process in the ceramic industry. The seven-colour printing process enables us to reproduce designs favourably compared to the original design in an economical way.

Sequence of prints		Colour shade	Product-no.	Pasting ratio	
1 st	print	Cyan	12 1522	10:8	colour : medium 80 810
2 nd	print	Yellow	13 884	10:8	colour : medium 80 810
3 rd	print	magenta	77 1241	10:8	colour : medium 80 810
Intermediate printing of Medium 80 3012					
4 th	print	green	11 1244	10:8	colour : medium 80 810
5 th	print	blue	72 2500	10:7	colour : medium 80 810
6 th	print	red	17 894	10:5,5	colour : medium 80 820
7 th	print	black	14 1232	10:8	colour : medium 80 810

Screen textile: polyester 120 S (305 mesh/inch)

Screening: 48 lines per cm / 120 lines per inch (elliptic)

Screen angle: magenta, green, blue: 75 °
cyan, red: 15 °
yellow, black: 45 °

Squeegee hardness: 75 - 80 shore

The indicated values for the screen angle are only recommendations according to our experience. These values should, however, be tested under individual processing condition before use.

Coating flux 10 169 fits perfectly as a top coat when required. Recommended mixing ratio: 10 parts coating flux 10 169 to 10 parts medium 80 3012.

CerDeChromAdvanz**Firing**

Normal firing: 780-830 °C
Fast firing: 850-900 °C

Resistance

The colours have been tested according to EN 1388.1 and 1388.2 (4 % acetic acid at 22 °C, 24 h). Heavy metal release is far below the official restrictions.

Storage

Powder colours should be stored in a dry place. In order to ensure that the colours have not absorbed any humidity, we recommend drying the powder colour at approx. 130 °C prior to mixing.

Safety Data Sheets

Our safety data sheets, which are available for every product, provide you with useful advice for working with our products.

Quality

All Ferro products are manufactured according to stringent specifications, and thoroughly tested before leaving our premises. Ferro's quality control procedures are warranted by EN ISO 9001, and certification is carried out annually.

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08/2004