

# CerDeChromAdvanz

## Ceramic Colour Management System

### Seven-Colour Printing (profile ig7a.1)

### Inglaze Colours for Porcelain

**Firing range:** 1.180 – 1.220°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 <sup>st</sup>	print	yellow	<b>13 2200</b>	10:4,5	colour : medium 80 820
2 <sup>nd</sup>	print	cyan	<b>12 1916</b>	10:5,5	colour : medium 80 820
3 <sup>rd</sup>	print	magenta	<b>77 1910</b>	10:7	colour : medium 80 820
<b>Intermediate printing of Medium 80 3012</b>					
4 <sup>th</sup>	print	green	<b>11 1454</b>	10:4,5	colour : medium 80 820
5 <sup>th</sup>	print	blue	<b>12 2201</b>	10:5	colour : medium 80 820
6 <sup>th</sup>	print	red	<b>17 1455</b>	10:5	colour : medium 80 820
7 <sup>th</sup>	print	black	<b>14 2200</b>	10:5	colour : medium 80 820

**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.

**CerDeChromAdvanz****Firing**

Inglaze for porcelain: 1180-1220 °C (60-90 min)

**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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