

# CerDeChromAdvanz

## Ceramic Colour Management System

### Four-Colour Printing (profile og4a.2)

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

**Firing Range:** 780 - 900°C

Due to a newly developed four-colour printing process analogous to a special four-colour separation system it is possible to reproduce designs in an optimal quality.

| Sequence of prints |       | Product no.    | Colour Shade | Pasting ratio |                        |
|--------------------|-------|----------------|--------------|---------------|------------------------|
| 1 <sup>st</sup>    | print | <b>12 1522</b> | cyan         | 10:8          | colour : medium 80 810 |
| 2 <sup>nd</sup>    | print | <b>13 651</b>  | yellow       | 10:8          | colour : medium 80 810 |
| 3 <sup>rd</sup>    | print | <b>77 571</b>  | magenta      | 10:8          | colour : medium 80 810 |
| 4 <sup>th</sup>    | print | <b>14 209</b>  | black        | 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:**  
cyan 75 °  
yellow 45 °  
magenta 15 °  
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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