

INFORMATION OF THE

SERIE EECS

This is a series of coloured glazes formulated without lead in its composition, with great intensity and specifically made for a netlike structure effect.

All the colours in this series can be mixed with others to create other shades. They are also suitable to be mixed with the colours from the "P" series to create other shades, under an initial pre-test. This series of finishes can be easily ruined, resulting in a blackish colour on the ceramic piece, for the following reasons:

- · The addition of other pigments (that contain iron, chromium and cobalt), or contamination during firing via proximity to other pieces that have leaded glazes and are close to the heating resistances of the kiln.
- · Firing in a reducing atmosphere or in a kiln with too many pieces in it.

They can be used on white, red and terracotta clay bodies with a layer of glaze sufficient to cover the piece and therefore achieve the netlike structure effect. The recommended firing temperature varies between 980°-1080°C, depending on the clay body used, with a slow firing cycle (> 5h) and maintaining the final temperature.

They are suitable for the decoration of culinary objects, provided they are used with ceramic bodies with a suitable coefficient of expansion to avoid cracking, as they have a high coefficient of expansion: \$\times 50-300 = 90-95 \text{ x10 -7 °C-1}\$. To certify their food use, the final pieces must be submitted to lead migration test by an accredited laboratory.

The application can be done dipping or spray gun. For paintbrush application and the "cuerda seca" technique, we recommend additionally preparing Monocol V.

If needed, do not hesitate to contact our Technical Department for any queries or clarifications.

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The series contains the following references:

EECS-01	EGG YOLK YELLOW
EECS-02	ORANGE
EECS-03	BRIGHT RED
EECS-04	RED
EECS-05	DARK RED
EECS-06	WINE RED
EECS-07	CINNAMON
EECS-08	BROWN
EECS-09	OLIVE GREEN
EECS-10	LEAF GREEN
EECS-11	DARK GREEN
EECS-12	BLUE GREEN
EECS-13	SLATE

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