

The Series consists of 22 colour matte lead-free formulated in their composition glazes. These glazes are prepared in aqueous suspension ready for use to be applied by paintbrush on bisque ceramics or supplied as powder for their preparation and application on white or red clay bodies.

They can be decorated with the Decorative Colours of our 'CD' Series.

The colours can be mixed between them, and their firing temperatures range from 980°C - 1080°C. However, they can be used at higher temperatures to obtain the same or other finishes, which will depend on the clay body used. The table below indicates the suitability, or lack thereof, of the products and the results achieved at temperatures of 1150° and 1260°C.

REFERENCE	1150°C	1260°C	REFERENCE	1150°C	1260°C
EMSP-00 CLEAR	CHANGES	CHANGES	EMSP-11 GREEN	CHANGES	CHANGES
EMSP-01 WHITE	SATIN	SATIN	EMSP-12 TURQUOISE	CHANGES	CHANGES
EMSP-02 YELLOW	NO	YES	EMSP-13 BLUE	CHANGES	CHANGES
EMSP-03 EGG YOLK	EFFECT	NO	EMSP-14 BLACK	CHANGES	CHANGES
EMSP-04 ORANGE	SATIN	SATIN	EMSP-15 BEIGE	NO	EFFECT
EMSP-05 BRASS	YES	EFFECT	EMSP-16 GREY	CHANGES	EFFECT
EMSP-06 PINK	NO	NO	EMSP-17 DARK GREY	CHANGES	EFFECT
EMSP-07 MAUVE	EFFECT	NO	EMSP-18 CREAM	CHANGES	EFFECT
EMSP-08 CARMINE	CHANGES	NO	EMSP-19 SAND	CHANGES	EFFECT
EMSP-09 PISTACHIO	NO	CHANGES	EMSP-20 CHOCOLATE	CHANGES	NO
EMSP-10 LIGHT GREEN	CHANGES	CHANGES	EMSP-21 TOMATO RED	CHANGES	EFFECT

### APPLICATION

Use in powder form:

Depending on the type of application chosen, the rheology must be considered, by altering the density and viscosity per each type of application. The water to powder ratio will depend on the chosen application type as well as the porosity of the piece to be glazed or decorated. Carrying out an initial test with a 1:1 water to powder ratio is recommended. If necessary, additives can be added to achieve the required consistency.

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

#### Shop

Balmes, 29  
46940 Manises Valencia (Spain)

(+34) 96 154 88 21  
latienda@prodesco.es  
<http://prodesco.es>

#### Factory

Aviación, 44  
46940 Manises Valencia (ESPAÑA)

(+34) 96 154 55 88  
admon@prodesco.es  
<http://prodesco.es>

This range of glazes is suitable for both single and double firing. For single firing, using a 5% solution of Monocol V is recommended for better adhesion of the glaze to the piece.

Use in suspension form:

They are prepared with additives to be applied by paintbrush or spray gun, both for single and double firing. For a correct glazing, we use a soft brush, either flat or rounded. If the suspension is very thick, a small amount of water can be added. Taking up some of the glaze with the brush, we apply it to the piece, covering as much of the surface as possible, using as many strokes as needed to leave an even layer of glaze over the piece before it dries. Once the first layer has dried, apply a second layer, making sure to cover the first layer, so that they're evenly spread, for a uniform finish.

This range's colours can be mixed together, and their firing temperatures range is from 980 °C - 1080°C. However, higher temperatures can be used, which produce the same or other finishes, which will depend on the clay body used. The table shows the suitability, or lack thereof, of the products' yield when fired at higher temperatures (1150°C and 1260°C).

If using the EMSP-00 Transparent Matte to glaze the pieces that have previously been decorated with the CD Range of decorative colours, it is advisable to dilute the clear glaze with water when applying the first layer, so that the colours don't smudge and the design is not distorted.

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