

This series consists of 51 Special glazes of different types of finish: Reactive, Jasper, Sand, Stone or Metallic effect, for example, which are formulated without lead in their composition. The series comes in suspension form (ready for application), or in powder, to be used for preparation and application. For either application technique, depending on if the product is opaque or clear, glazing can be done on bisque white or red ceramics, which are dust- and grease-free. The result will vary depending on if white or red ceramic is used, due to its reactive basis.

### *Information about use in powder form:*

Depending on the type of application chosen, the rheology must be considered, altering the density and viscosity for 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. 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.

When using these products in a single-firing process, it is advisable to add a 5% solution of Monocol V for better adhesion of the glaze to the piece.

### *Information about use in suspension form:*

These products are prepared with additives to be applied by paintbrush or spray gun, both for single and double firing.

For best results when glazing a piece, we use a soft brush, either flat or rounded. If the glaze is very viscous, a small amount of water can be added. Loading the brush with some of the glaze, we apply it to the piece, covering as much of the surface as possible, going over it enough to leave an even layer of glaze before it dries. Once the first layer is dry, a second layer is applied, covering over previous strokes to leave a completely evenly covered surface.

It's important to mention that the products with references EESP-32 to EESP-46, whose coefficients of expansion are in the range of values between  $\alpha = 90-100 \times 10^{-7} \text{C}^{-1}$ , meaning cracking may occur.

The product with reference EESP-30 Reactive Opal can be used as a reactive base for application on decoration or in combination with other glazes obtaining reactive effects.

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

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This collection of colours can be mixed with each other and their firing temperatures range between 980°C to 1080°C. However, they can be fired at higher temperatures to obtain the same or different finishes, depending on the type of clay used. The table below indicates the suitability, or lack thereof, of the products and the results to be obtained at temperatures of 1150°C and 1260°C. Note that carrying out initial tests is recommended.

PRODUCT	1150°C	1260°C
EESP-01 BLACK JASPER	YES	YES
EESP-02 MUSTARD JASPER	YES	YES
EESP-03 BLUE JASPER	YES	YES
EESP-04 RED JASPER	YES	YES
EESP-05 ANTHRACITE JASPER	YES	YES
EESP-18 NEUTRAL JASPER	YES	YES
EESP-06 YELLOW SAND	YES	YES
EESP-07 LEATHER SAND	YES	YES
EESP-08 ORANGE SAND	YES	YES
EESP-09 GREEN SAND	YES	YES
EESP-12 REACTIVE RED	NO	NO
EESP-15 REACT. SALMON	CHANGES	CHANGES
EESP-19 STONE GREY	YES	NO
EESP-10 REACT. BLUE	YES	YES
EESP-11 REACT. MAUVE	NO	NO
EESP-13 REACT. BROWN	CHANGES	CHANGES
EESP-14 REACT. BLACK	CHANGES	CHANGES
EESP-16 REACT. GREEN	CHANGES	CHANGES
EESP-17 WHITE REAC.	YES	YES
EESP-20 ANTHRACITE STONE	NO	YES
EESP-21 SANDSTONE	CHANGES	CHANGES
EESP-22 BROWN STONE	CHANGES	CHANGES
EESP-23 BEIGE STONE	NO	NO
EESP-24 GREEN STONE	CHANGES	CHANGES
EESP-25 SPECKLED GREEN	YES	YES

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EESP-26 SPECKLED BLUE	YES	YES
EESP-27 SPECKLED BROWN	YES	YES
EESP-28 SPECKLED WHITE	YES	YES
EESP-29 SPECKLED BEIGE	YES	YES
EESP-00 WHITE CRACKLED	NO	YES
EESP-30 REACTIVE OPAL	YES	NO
EESP-31 SPECKLED OPAL	YES	CHANGES
EESP-32 KIWI	YES	CHANGES
EESP-33 BANANA	CHANGES	NO
EESP-34 PAPAYA	CHANGES	NO
EESP-35 SPECKLED KIWI	CHANGES	NO
EESP-36 SPECKLED BANANA	CHANGES	NO
EESP-37 SPECKLED PAPAYA	CHANGES	NO
EESP-38 STRAWBERRY	CHANGES	NO
EESP-39 SPECKLED LICHEN	CHANGES	CHANGES
EESP-40 SPECKLED TURQUOISE	CHANGES	CHANGES
EESP-41 SPECKLED STRAWBERRY	CHANGES	NO
EESP-42 SPECKLED GREEN SEA	CHANGES	CHANGES
EESP-43 SPECKLED MAUVE	YES	CHANGES
EESP-44 LUSTRED IRON	CHANGES	CHANGES
EESP-45 LUSTRED PURPLE	CHANGES	CHANGES
EESP-46 LUSTRED BLACK	CHANGES	CHANGES
EESP-47 BLACK JASPER	YES	YES
EESP-48 GREEN JASPER	YES	CHANGES
EESP-49 VIOLET JASPER	YES	CHANGES
EESP-50 CARMINE JASPER	CHANGES	NO

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