

Lusters and Precious Metal Preparations for Glass, Faience (Earthenware) & Porcelains

Lusters are varnish-like preparations. When fired on glass, porcelain, enamel, tiles or earthenware they produce a thin, intensively colored result.

The liquid solutions are ready to use. Keep away from light and heat, store in a cool, dry place (refrigerator recommended). Shake before use.

Work on clean and dry surfaces that are free of fingerprints.

METAL PREPARATIONS (GOLD / PLATINUM)

Available in glossy or matt formulations. Apply with either a brush or a pen. Brushes and pens should be cleaned with turpentine before using them. If the gold becomes too thick, add a few drops of thinner 174. Use different brushes for the gold and the platinum. Brushes must be cleaned with thinner 174.

Metal preparations are opaque and non-resistant after firing.


LUSTERS


Lusters can be used with either thinner 174 or M-350 medium. Apply with synthetic brushes, airbrush, sponge, paper-creasing technique or by immersion.

The colors are intermixable and can be set over each other (careful not to over-mix the lusters to keep vivid colors).


Brilliant platinum
LU128 (2,5 g)



Matt platinum
LU129 (2,5 g)


Brilliant gold
LU121 (2,5 g)


Matt gold
LU122 (2,5 g)



White
LU336 (5 g)


Iris
LU300 (5 g)


Ivory
LU335 (5 g)



Yellow
LU301 (5 g)



Yellow green
LU302 (5 g)



Orange copper
LU323 (5 g)


Yellow red
LU315 (5 g)



Dark copper
LU320 (2,5 g)


Carmine red
LU337 (2,5 g)


Brown
LU338 (5 g)


Green
LU306 (5 g)


Light blue
LU312 (5 g)



Blue
LU305 (5 g)


Blue violet
LU314 (2,5 g)


Purple blue
LU316 (2,5 g)


Purple
LU339 (2,5 g)


Grey
LU333 (5 g)


Black
LU317 (2,5 g)

Mediums

M350 thinner for lusters / cleaner for tools (10 ml, 25 ml)

Thinner 174 for lusters, gold and platina / cleaner for tools (25 ml)

The application of luster colors is best on faience (earthenware) and porcelain.

Some luster colors do not withstand a temperature above 800°C. If luster colors are applied on already-fired pigments do not exceed 600°C (1112°C) as colors may disappear.

Lusters are true transparent and non-resistant after firing.

FIRING

Metal preparations and lusters must be completely dry before firing. Therefore, fire slowly at the beginning and hold briefly at 350°C (662°C) to allow the vapors to evaporate before closing the kiln and bringing to the firing temperature.

Glass: 550-580°C (1022-1076°F)

Faience (earthenware): 700-730°C (1292-1346°F)

Porcelain: 780-800°C (1436-1472°F)

Some luster colors cannot withstand a temperature above 800°C (1472°F). Lusters applied over already fired pigments should not exceed 600°C (1112°F) as they may fade completely.

Gold and platinum applied on white porcelain are fired at 820°C (1508°F). If applied on pigments or reliefs, fire 650-750°C (1202-1382°F), at higher temperatures they crack or blacken.



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