



Ceramic Shade Control

INSTRUCTIONS

Wilkote is a specially formulated gold/ceramic powder; designed for all types of precious ceramic alloys. It is applied on the surface of the alloy before porcelain to produce a warm background color. A superior reflective surface is created which scatters light similar to that of natural dentition. This surface allows a ceramist to achieve optimal esthetics even on alloys which create the darkest oxides. Wilkote also provides an exceptional seal to the surface of the alloy; preventing any bubbling in the porcelain due to porosity, contamination, excess oxides or any other unforeseen difficulty in the alloy.

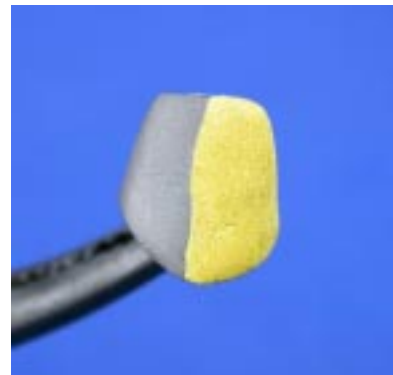
Metal Preparation - Finish coping in the usual manner (Diamon-All cutting instruments, coarse or medium grit works well). Sandblast with 50 micron AIOx at 60 psi. Then clean with distilled water in an ultrasonic for 10 minutes. There is no need to degas.

Application - Place Wilkote powder into the mixing dish provided. Add 15 drops of Wilkote Liquid to the powder and mix thoroughly using the enclosed brush or an instrument. Do not mix Wilkote too thin. DO NOT USE ANY OTHER LIQUID. Keep the Wilkote brush isolated and only use it for this specific purpose.

Using a gentle cross brushing, apply a THIN layer of Wilkote to the prepared coping, just enough to achieve a smooth and even surface

Firing Cycle - Fire the coping as follows; then apply porcelain as normal:

Dry Time:	1 minute
Low Temp:	1100 F / 600 C
Heat Rate:	100 F / 55 C per minute
Vacuum	NONE
High Temp:	1500 F / 820 C
Hold Time:	30 Seconds.



Wilkote will have an initial matt finish appearance, after continuous firings it will become more shiny. The matt finish is to enhance the bond between the gold and the opaque.

DILLON CO., INC.



LEACH & DILLON PRODUCTS

161 Comstock Pkwy
Cranston, RI 02921

401.464.5850 • 800.535.2633 • 401.464.5862fx
www.leachdillon.com