WILLI GELLER Creation ZI

BEFORE YOU BEGIN WITH CREATION ZI

Full instructions for Creation ZI are provided in electronic format on our website, www.jensenindustries.com. Print copies are available with certain kit purchases.

Please review these documents for more detailed information about Creation ZI.

Start with a calibrated porcelain furnace

Creation ZI is intended to be used as a veneering ceramic for zirconia (zirconium oxide) substructures such as those fabricated with 3M/ESPE Lava, Dentsply Cercon, NobelBiocare Procera Zirconia, Vita 2000YZ and others. Before applying ZI to a frame, ensure that it is a zirconia frame. If you have any questions about the framework material and it's compatibility with ZI call Jensen or the fabricator of the frame.

FRAMEWORK PREPARATION

Prepare the frame according to manufacturer's instructions. Preparation guidelines may vary from system to system. At the time of this writing:

- Lava (3M) and Vita 200YZ frames should not be sandblasted prior to veneering.
- Cercon frames SHOULD be sandblasted prior to veneering.
- Procera Zirconia should be sandblasted only if it has been ground.

FS APPLICATION

- Frame Shade (FS) powders should be used on unshaded (white) frames to add chroma and fluorescence. It is VERY opacious and color intense.
- Frame Shade powders are not mandatory. Some cases, especially those with pre-shaded zirconia frames, may not need FS. FS is not required for ceramic to frame bonding.
- Mix FS with UL liquid and apply it like a stain (0.1mm) rather than a layer.
- FS-I (Illusion) is usually used to "tone down" the most prominent aspect of incisal edges to avoid a bright spot from the substructure showing through the porcelain.
- For out-of-the-bottle shades refer to chart below for selecting Frame Shades:

SHADE	**FRAME SHADE**
Bleach shades	FS-AB
A1,A2,B1,B2,C1	FS-1
A3,A3.5,B3	FS-2
C2,C3,D2,D3,D4	FS-3
A4,B4,C4	FS-4

HD APPLICATION

Neck Dentin (HD) is a type of opacious dentin and should be used in a paper thin (0.5mm) layer on unshaded, bright frameworks to lower the value.

FIRING

- Fire a shade tab of CL-O or UC powder on a piece of Platinum foil and compare with original shade tab, ensure that maximum translucency is achieved with your furnace.
- Remember that the firing chart is a guide. It is normal to make minor adjustments to the firing temperatures in order to achieve proper visual appearance.
- If the porcelain looks dull, grainy and/or chalky, increase the high temperature. Do not alter the firing rate or hold time.
- If the porcelain looks too shiny or over-glazed, reduce the high temperature. Do not alter the firing rate or hold time.
- Avoid heavy vibration when building the porcelain

TIPS AND SUGGESTIONS

- Do NOT use Make Up stains with Creation ZI
- Do NOT use Creation CC liquids with Creation ZI
- Do NOT mix ZI with other Creation systems (LF,AV,CC)
- Do NOT use another Creation system GL powder for glazing
- Do NOT use Make Up Instant LF stain with Creation ZI
- You CAN use In Nova with Creation ZI
- You CAN use Make Up Instant AV, ZI, TI with Creation ZI