A HIGHLY AESTHETIC VENEERING CERAMIC FOR LITHIUM DISILICATE SUBSTRUCTURES
INTRODUCING initial LiSi

Restoration courtesy of Al Hodges CDT, DTG
THE NEWEST AND MOST HIGHLY AESTHETIC VENEERING CERAMIC FOR LITHIUM DISILICATE SUBSTRUCTURES

GC Initial LiSi is an amazing new layering ceramic for Lithium Disilicate substructures. For the first time ever, Initial LiSi offers the highest aesthetics, perfectly matched CTE, and is a more cost effective option for your most popular restorations.

GC Initial LiSi, is a new member of the popular ceramic line of Initial. This new ceramic is a specialized veneering ceramic designed for lithium disilicate frameworks. With these types of frameworks gaining popularity, GC now offers a material for highly aesthetic and durable restorations for long-term patient satisfaction.

Thanks to the exact cross-matched coefficients of thermal expansion (CTE), its low firing temperature, and high stability during multiple firings, GC Initial LiSi ensures you safe and predictable processing of lithium disilicate frameworks.

GC Initial LiSi can be used in the individual layering and in the cut-back technique following the proven Initial ceramic concept; one shade system; one layering technique. If you want to go even further, full anatomical frameworks can be enhanced using the GC Initial IQ Lustre Pastes NF. The simplicity and easy handling of the GC Initial LiSi powders assure a short learning curve offering quick, aesthetic and economical results.
FINALLY! A LAYERING CERAMIC FOR LITHIUM DISILICATE RESTORATIONS WITH AESTHETICS TECHNICIANS DEMAND

- Superior natural aesthetics that are specially designed and adapted to the light-dynamics of lithium disilicate frameworks
- Low firing temperature and exact cross-matched coefficients of thermal expansion with high stability, even after multiple firings
- Comprehensive shade and layering system
- Simple handling and short learning curve
OPTIMIZED, STABLE AND NATURAL AESTHETICS

GC Initial LiSi is a Feldspar based ceramic with an optimized crystal structure. This results in more natural optical effects and a much higher stability offering superior natural aesthetics. Low firing temperature and exactly cross-matched coefficients of thermal expansion with high stability, even after multiple firings!

EXTREMELY THIN COPING

Restoration fired 8 times at 750c on a very thin lithium disilicate coping. No cracking. No drop in value!
SPECIALY DESIGNED AND ADAPTED TO THE LIGHT-DYNAMICS OF LITHIUM DISILICATE FRAMEWORKS

Restoration courtesy of Ricky Canizares and Bill Marais CDT, DTG

Restoration courtesy of Bill Marais CDT, DTG

Restoration courtesy of Bill Marais CDT, DTG
## FIRING PARAMETERS & CTE

<table>
<thead>
<tr>
<th></th>
<th>Preheating Temperature</th>
<th>Drying Time</th>
<th>Raise of Temperature</th>
<th>Vacuum</th>
<th>Final Temperature</th>
<th>Holding Time</th>
<th>Appearance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wash Firing</strong></td>
<td>430 °C</td>
<td>4 min</td>
<td>45 °C/min</td>
<td>+</td>
<td>760 °C</td>
<td>1 min</td>
<td>Slightly shining</td>
</tr>
<tr>
<td><strong>1. Dentin Firing</strong></td>
<td>430 °C</td>
<td>6 min</td>
<td>45 °C/min</td>
<td>+</td>
<td>760 °C</td>
<td>1 min</td>
<td>Slightly shining</td>
</tr>
<tr>
<td><strong>2. Dentin Firing</strong></td>
<td>430 °C</td>
<td>6 min</td>
<td>45 °C/min</td>
<td>+</td>
<td>750 °C</td>
<td>1 min</td>
<td>Slightly shining</td>
</tr>
<tr>
<td><strong>Glaze Firing</strong></td>
<td>450 °C</td>
<td>4 min</td>
<td>45 °C/min</td>
<td></td>
<td>760 °C</td>
<td>1 min</td>
<td>Slightly shining</td>
</tr>
<tr>
<td></td>
<td><strong>with/without LP</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CTE

<table>
<thead>
<tr>
<th>Initial AL</th>
<th>Initial Ti</th>
<th>Initial LiSi</th>
<th>Initial Zr-FS</th>
<th>Initial IQ LOZ</th>
<th>Initial IQ POZ</th>
<th>Initial LF</th>
<th>Initial IQ LOM</th>
<th>Initial PC/IQ POM/MC</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.9</td>
<td>8.6</td>
<td>9.3</td>
<td>9.4</td>
<td>9.5</td>
<td>9.8</td>
<td>11.6-11.8</td>
<td>12.7-12.9</td>
<td>13.0</td>
</tr>
<tr>
<td>13.0</td>
<td>13.1</td>
<td>13.1-13.3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Note:** The table includes firings for wash and dentin with/without LP, along with their respective preheating temperatures, drying times, raise of temperature rates, vacuum conditions, final temperatures, holding times, and appearance descriptions.
GC Initial LiSi Basic Set
Fulfills the need of the minimal layering technique on top of the LiSi frame.

- 6 main Vita†-shades
  (all 16 Vita†-shades available as refills)
- 1 Bleach Shade
- Enamels & Translucent
- Modeling Liquid
- Printed Shade Guide
- Technique Guide

GC Initial LiSi Advanced Set
Fulfills the need of the more elaborate aesthetic layering technique on top of the LiSi frame.

- Insides
- Fluo dentines
- Enamel opalescent
- Cervical translucent
- Modeling Liquid
- Printed Shade Guide
875821 GC Initial LiSi, Dentin 20g, D-A1
875822 GC Initial LiSi, Dentin 20g, D-A2
875823 GC Initial LiSi, Dentin 20g, D-A3
875824 GC Initial LiSi, Dentin 20g, D-A3.5
875825 GC Initial LiSi, Dentin 20g, D-A4
875826 GC Initial LiSi, Dentin 20g, D-B1
875827 GC Initial LiSi, Dentin 20g, D-B2
875828 GC Initial LiSi, Dentin 20g, D-B3
875829 GC Initial LiSi, Dentin 20g, D-B4
875830 GC Initial LiSi, Dentin 20g, D-C1
875831 GC Initial LiSi, Dentin 20g, D-C2
875832 GC Initial LiSi, Dentin 20g, D-C3
875833 GC Initial LiSi, Dentin 20g, D-C4
875834 GC Initial LiSi, Dentin 20g, D-D2
875835 GC Initial LiSi, Dentin 20g, D-D3
875836 GC Initial LiSi, Dentin 20g, D-D4
875837 GC Initial LiSi, Enamel, 20g, E-57
875838 GC Initial LiSi, Enamel, 20g, E-58
875839 GC Initial LiSi, Enamel, 20g, E-59
875840 GC Initial LiSi, Enamel, 20g, E-60
875841 GC Initial LiSi, Clear Fluorescence, 20g, CL-F
875842 GC Initial LiSi, Translucent, 20g, TN Neutral
875843 GC Initial LiSi, Translucent, 20g, TO Opal
875844 GC Initial LiSi, Enamel Occlusal, 20g, EO-15
875845 GC Initial LiSi, Fluo Dentine, 20g, FD-91
875846 GC Initial LiSi, Fluo Dentine, 20g, FD-92
875847 GC Initial LiSi, Fluo Dentine, 20g, FD-93
875848 GC Initial LiSi, Enamel Opal, 20g, EOP-2
875849 GC Initial LiSi, Enamel Opal, 20g, EOP-3
875850 GC Initial LiSi, Enamel Opal, 20g, EOP-4
875851 GC Initial LiSi, Cervical Translucent, 20g, CT-22
875852 GC Initial LiSi, Cervical Translucent, 20g, CT-23
875853 GC Initial LiSi, Cervical Translucent, 20g, CT-24
875854 GC Initial LiSi, Cervical Translucent, 20g, CT-25
875855 GC Initial LiSi, Inside, 20g, IN-41 Flamingo
875856 GC Initial LiSi, Inside, 20g, IN-42 Terracotta
875857 GC Initial LiSi, Inside, 20g, IN-43 Sun
875858 GC Initial LiSi, Inside, 20g, IN-44 Sand
875859 GC Initial LiSi, Inside, 20g, IN-45 Havanna
875860 GC Initial LiSi, Inside, 20g, IN-46 Brasil
875861 GC Initial LiSi, Inside, 20g, IN-47 Sienna
875862 GC Initial LiSi, Inside, 20g, IN-48 Kurkuma
875863 GC Initial LiSi, Inside, 20g, IN-49 Maracuja
875864 GC Initial LiSi, Inside, 20g, IN-50 Curry
875865 GC Initial LiSi, Inside, 20g, IN-51 Olive
875866 GC Initial LiSi, Correction Powder, 20g, COR
875867 GC Initial LiSi, Bleach Dentin, 20g, BL-D (White)
875868 GC Initial LiSi, Bleach Dentin, 20g, BL-E (Enamel)
875869 GC Initial LiSi, Translucent Modifier, 20g, TM-01
875870 GC Initial LiSi, Translucent Modifier, 20g, TM-02
875890 GC Initial LiSi, Modeling Liquid, 50mL

877086 GC Initial LiSi, Basic Set

INCLUDES:

GC Initial LiSi, Bleach Enamel, BL-E, 20g
GC Initial LiSi, Enamel, E-57/E-58/E-59/E-60, 20g
GC Initial LiSi, Translucent Modifier, TM-01/TM-05, 20g
GC Initial LiSi, Clear Fluorescence, CL-F, 20g
GC Initial LiSi, AL, ZR, TI / InVivo-InSitu Glaze, GL, 10g
GC Initial LiSi, Translucent, TN/TO, 20g
GC Initial LiSi, Occlusal, EO-15, 20g
GC Initial LiSi, Enamel Occlusal, EO-15, 20g
GC Initial LiSi, Fluo Dentine, FD-91, 20g
GC Initial LiSi, Fluo Dentine, FD-92, 20g
GC Initial LiSi, Enamel Opal, EOP-2, 20g
GC Initial LiSi, Enamel Opal, EOP-3, 20g
GC Initial LiSi, Cervical Translucent, CT-22/CT-23/CT-24/CT-25, 20g
GC Initial LiSi, Inside, IN-41/IN-42/IN-43/IN-44/IN-45/IN-46/IN-47/IN-48/IN-49/IN-50/IN-51, 20g
GC Initial LiSi, Modeling Liquid, 50mL
GC Initial LiSi, Shade Chart

877087 GC Initial LiSi, Advanced Set

INCLUDES:

GC Initial LiSi, Enamel Occlusal, EO-15, 20g
GC Initial LiSi, Fluo-Dentins, FD-91/FD-92/FD-93, 20g
GC Initial LiSi, Enamel Opal, EOP-2/EOP-3/EOP-4, 20g
GC Initial LiSi, Cervical Translucent, CT-22/CT-23/CT-24/CT-25, 20g
GC Initial LiSi, Inside, IN-41/IN-42/IN-43/IN-44/IN-45/IN-46/IN-47/IN-48/IN-49/IN-50/IN-51, 20g
GC Initial LiSi, Modeling Liquid, 50mL
GC Initial LiSi, Shade Chart