



*initial*TM LiSi Press

LITHIUM DISILICATE GLASS CERAMICS WITH HDM TECHNOLOGY

./GC./

INTRODUCING

initial™ LiSi Press

THE FIRST

LITHIUM DISILICATE CERAMIC

WITH HDM TECHNOLOGY

(HIGH DENSITY MICRONIZATION)



GC INITIAL LISI PRESS IS A REVOLUTIONARY NEW PRESSABLE CERAMIC.

It combines unparalleled strength and exceptional aesthetics. Best of all, it is faster to process, it is optimized to be used with GC Initial LiSi veneering ceramic, and leaves virtually no reaction layer making your laboratory more productive.



FINALLY! A LITHIUM DISILICATE CERAMIC WITH THE AESTHETICS AND STRENGTH TECHNICIANS DEMAND WITHOUT BEING LOW IN VALUE.

GC Initial LiSi Press is a revolutionary new high strength lithium disilicate ingot from GC with HDM (High Density Micronization) technology. This proprietary new technology provides unsurpassed physical properties while obtaining the most aesthetic pressed ceramic option on the market today! This amazing new material from GC attributes these benefits to their new HDM technology. It utilizes equally dispersed lithium disilicate micro-crystals to fill the entire glass matrix, rather than using traditional larger size crystals that do not take full advantage of the entire matrix structure.

As result, GC Initial LiSi Press combines the ultimate combination of strength and aesthetics making it perfectly suitable for all different types of dental restorations. Most importantly, this technology allows the product to be very stable without distortion or drop in value, even after multiple firings.

GC Initial LiSi Press is also perfectly optimized to be used with the already proven GC Initial LiSi veneering ceramic to provide your laboratory with the strongest, most user friendly, aesthetic, and stable option on the market today.



Moth pressed courtesy of John McMillan

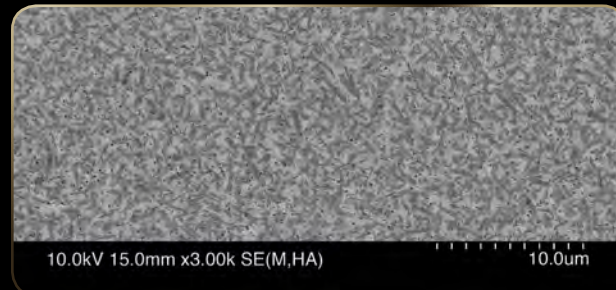
HDM TECHNOLOGY

HIGH DENSITY MICRONIZATION

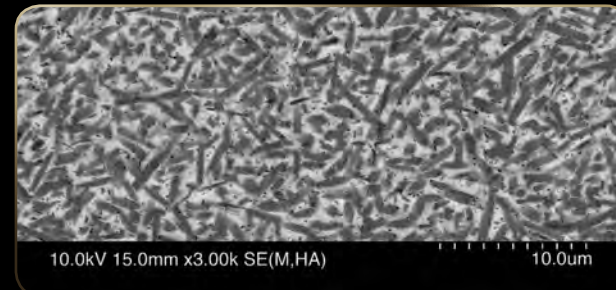
UNPARALLELED AESTHETICS

By optimizing the components, and developing our innovative new proprietary manufacturing technology, GC Initial LiSi Press with HDM Technology is achieved. This results in the highest physical properties, product stability, and most natural life-like aesthetics!

GC Initial LiSi Press



IPS e.max Press®



Dark areas shown are lithium disilicate crystals, the light areas show the glass matrix.

GC Initial LiSi Press PROPERTIES

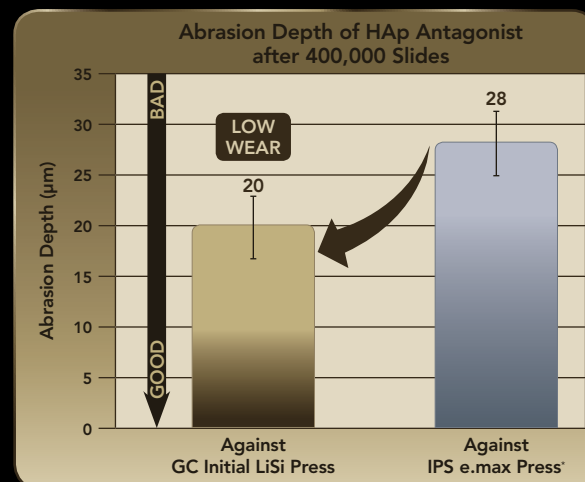
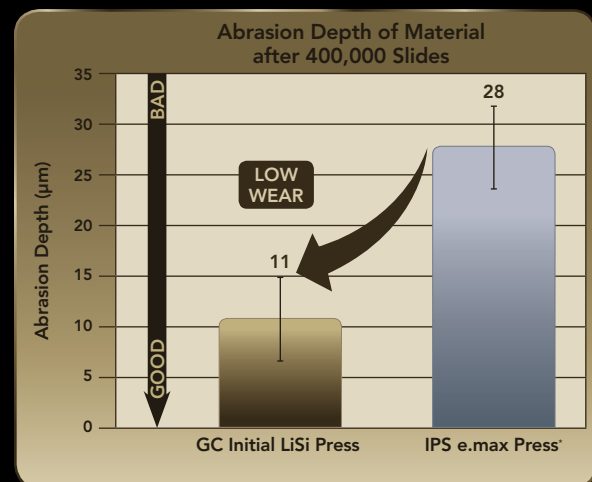
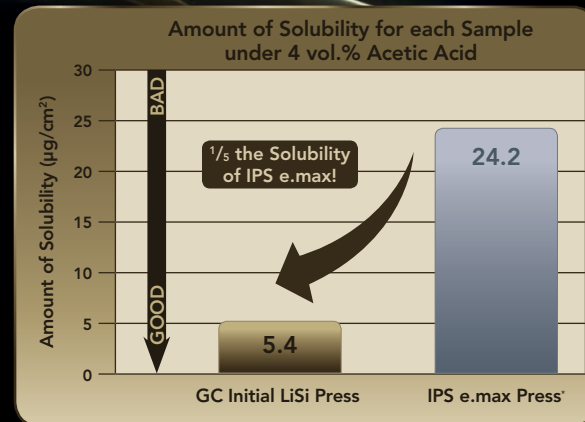
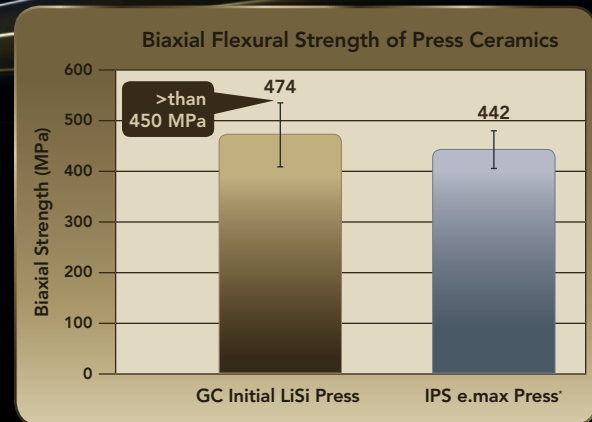
- Unsurpassed Flexural Strength (450MPa) with HDM Technology
- Unparalleled aesthetics
- Rich, warm, and bright colors with excellent fluorescence
- Virtually no reaction layer when divested which allows cleaner presses
- Low abrasion
- Optimized to be used with the proven GC Initial LiSi veneering ceramic and GC Initial™ Lustre Pastes NF
- Seamless learning curve
- Lower solubility than other leading brands
- Material and color stability after repeated firings
- Wear resistant



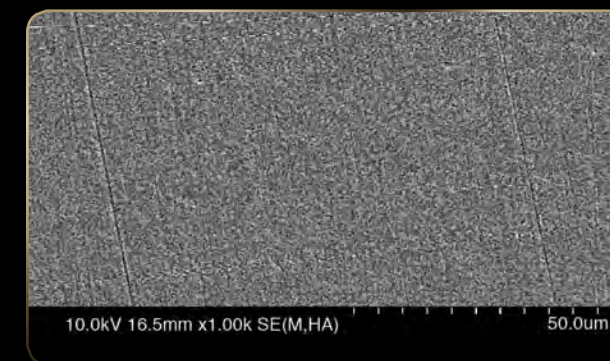
Restorations courtesy of Mitch Hurst, CDT, DTG

PHYSICAL PROPERTIES

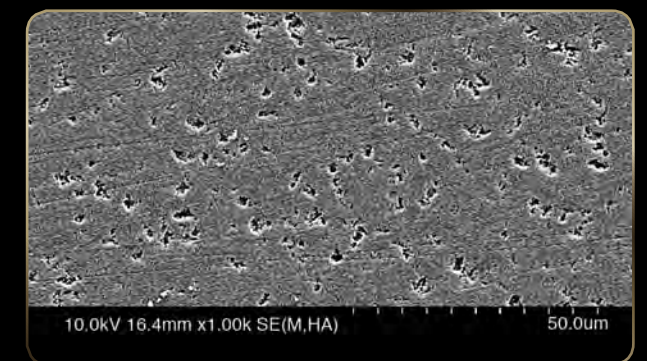
SUPERIOR POLISHABILITY



GC Initial LiSi Press
Polished surface (2nd polish)



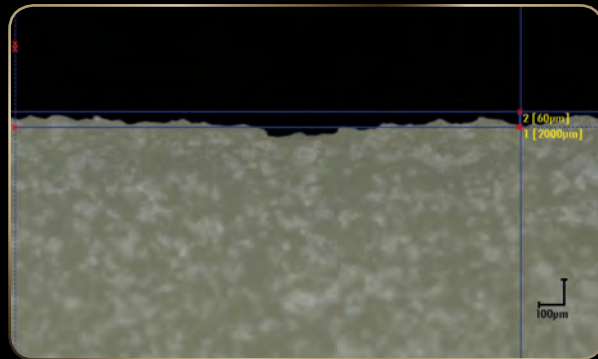
IPS e.max Press
Polished surface (2nd polish)



UNSURPASSED MARGINAL INTEGRITY

ROBUST & STABLE

GC Initial LiSi Press



IPS e.max Press[®]



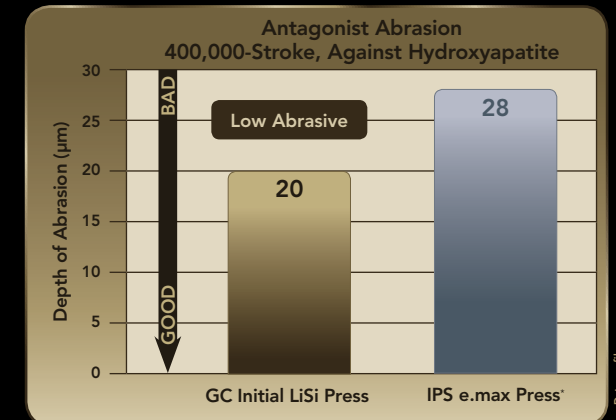
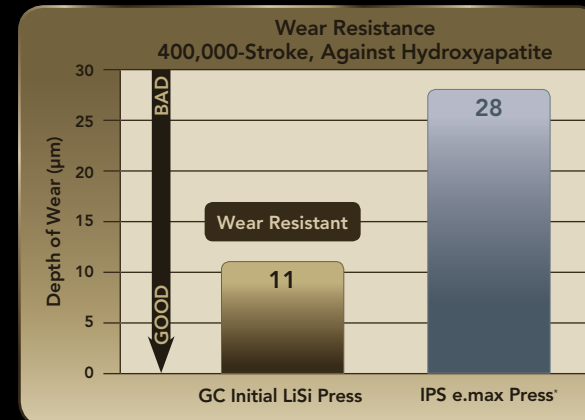
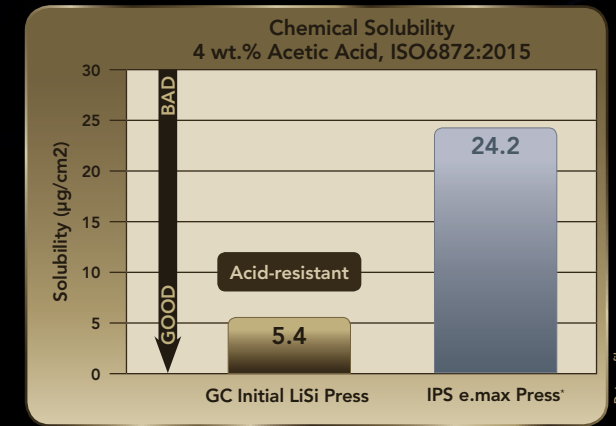
Ideal Marginal Integrity



Restorations courtesy of
Al Hodges, CDT



Restorations courtesy of Bill Marais, RDT



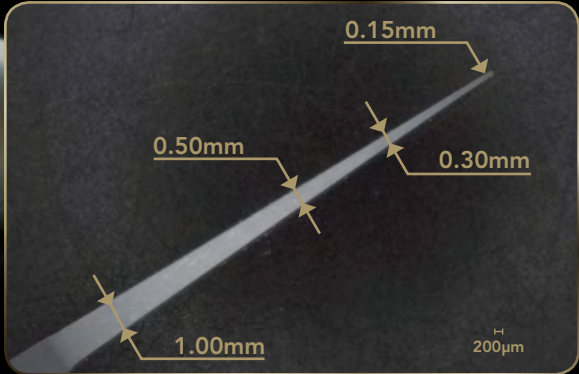


STABILITY DURING MULTIPLE FIRINGS



Restorations courtesy of Bill Marais, RDT and Karyn M. Halpern DMD, MS

GC Initial LiSi Press
Before firing

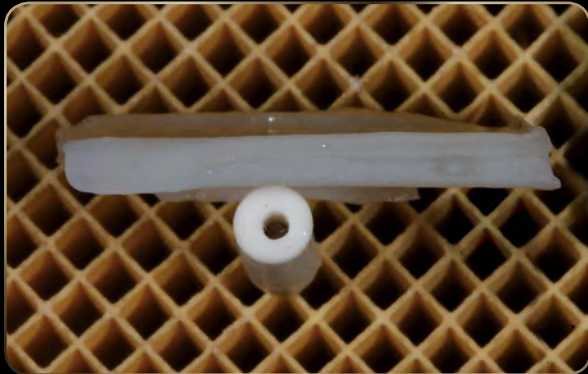


GC Initial LiSi Press
After firing

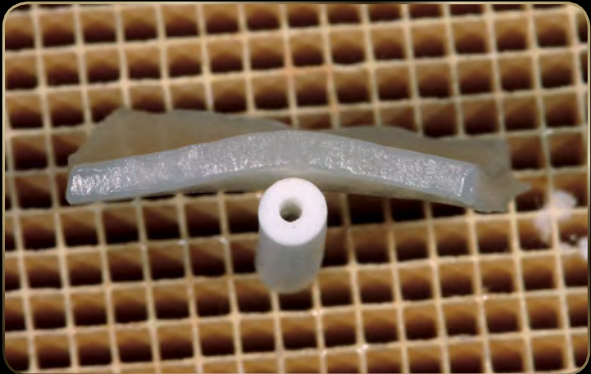


Simulating the margin, specimen with edge was fired repeatedly. No warping or cracking after multiple firings.

GC Initial LiSi Press



IPS e.max Press



5th Firing (770C 1min, Hold) Test conducted by Masayuki Hoshi, RDT

AVAILABLE IN 4 TRANSLUCENCIES



- **HT (Enamel Replacement)**
Best transparency match to natural tooth enamel, does not look dark (low value) in the mouth.
- **MT (Press & Stain)**
Vita® Shade line-up with warm colors from the GC Initial family of ceramic materials.
- **LT (One Body Concept A, B, C, D or Layer)**
Compact color line-up following the one-body concept.
- **MO (Layering)**
Thanks to strong fluorescence, a life-like sense of color can be reproduced when veneering GC Initial LiSi Porcelain.

SHADE SELECTION

- Simple shade line up
- Reduction of inventory and cost
- Adaptable enough for a highly aesthetic build-up

Trans Level	Bleach		A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
HT	HT-BLE	HT-EXW	HT-E58		HT-E59		HT-E60	HT-E57	HT-E59			HT-E60	HT-E59		HT-E60		HT-E59	
MT	MT-B00	MT-B0	MT-A1	MT-A2	MT-A3			MT-B1	MT-B2			MT-C1	MT-C2			MT-D2		
LT			LT-A					LT-B				LT-C				LT-D		
MO	MO-0		MO-1		MO-2			MO-1		MO-2		MO-1		MO-2				

PROCESSING & INDICATIONS



Restorations courtesy of Al Hodges, CDT and Brandon Morris Stapleton, DMD

PROCESSING TECHNIQUE				INDICATIONS				
	Staining Technique	Cut-Back Technique	Layering Technique	Veneers	Inlays	Onlays	Crowns	3-Unit Bridges
HT	✓			✓	✓	✓		
MT	✓	✓		✓	✓	✓	✓	✓
LT		✓	✓				✓	✓
MO			✓				✓	✓

VIBRANT & BRIGHTER COLOR TONES

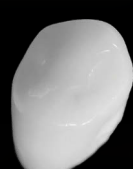
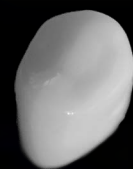


Restoration courtesy of Lucas Lammott and Miles Cone, DMD, MS, FACP, CDT



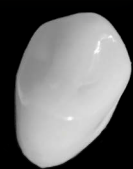
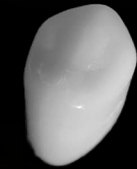
IPS e.max
MT-A2'

GC Initial LiSi Press
MT-A2



IPS e.max
MT-A3'

GC Initial LiSi Press
MT-A3



FLUORESCENCE & OPALESCENCE

GC Initial LiSi Press



GC LiSi
HT BLE



GC LiSi
HT E57



GC LiSi
HT E58



GC LiSi
HT E59

IPS e.max Press



IPS e.max
HT BL1



IPS e.max
HT BL2



IPS e.max
HT BL3



IPS e.max
HT BL4

Fluorescence starts from the internal frame
MOO layered with GC Initial LiSi



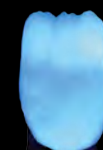
MO 0



CLF +
FD 91



D A2 + EOP +
E58 + TO



FD 93
IN 44



CLF 0.2

Natural Opalescence

Reflected Light



Transmitted Light

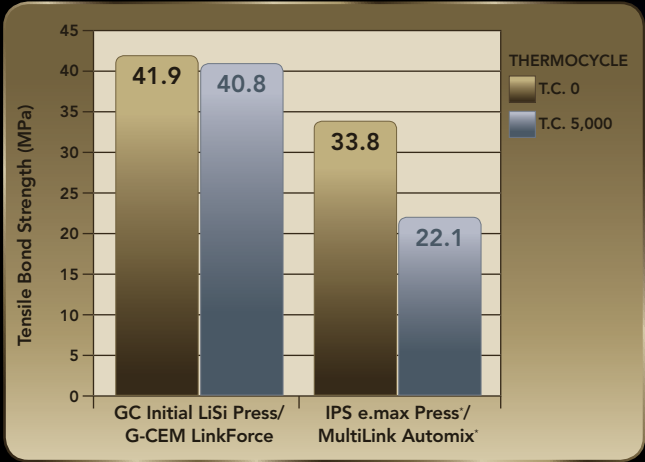


Restorations courtesy of Simone Maffei, Italy

RELATED PRODUCTS



G-CEM LinkForce™
Dual-Cure Adhesive Resin Cement



GC Initial LiSi ADVANCE SET
GC initial LiSi BASIC SET
Layering Ceramic for GC Initial LiSi Press



GC Initial
Lustre Paste NF
Stain & Glaze for GC Initial LiSi Press



Restoration courtesy of Olivier Tric, MDT



Before restoration is placed.

INTRODUCING GC LISI PRESSVEST



REGULAR PACKAGING
Powder (100g) x 60
Liquid (900mL)
SR Liquid (100mL)



INTRODUCTION PACKAGING
Powder (100g) x 6
Liquid (135mL)
SR Liquid (30mL)



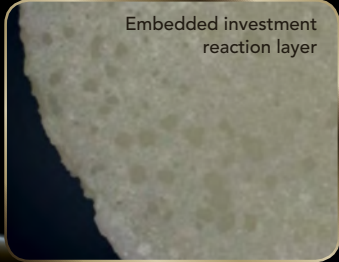
Restorations courtesy of Al Hodges, CDT

- FEATURES**
- Easy removal of reaction layer
 - Long working time
 - High fluidity
 - Stable setting time

Much less reaction layer with GC LiSi PressVest which can easily be removed with glass beads only. There is no need for hydrofluoric acid.



GC Initial LiSi Press
SYSTEM



IPS e.max PRESS*
SYSTEM

EASIER REMOVAL OF REACTION LAYER

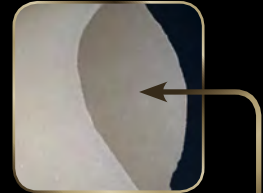
Comparison between IPS e.max Press* and GC Initial LiSi Press after sand blasting with glass beads.

GC Initial LiSi Press has no reaction layer.

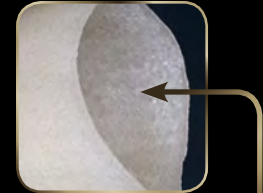


IPS e.max PRESS* GC Initial LiSi Press
No reaction layer

LESS GENERATION AND EASIER REMOVAL OF REACTION LAYER



Smooth, clean press



Reaction layer:
Hybrid layer consisting
of investment
and press material

TIME SAVING

GC INITIAL LiSi PRESS



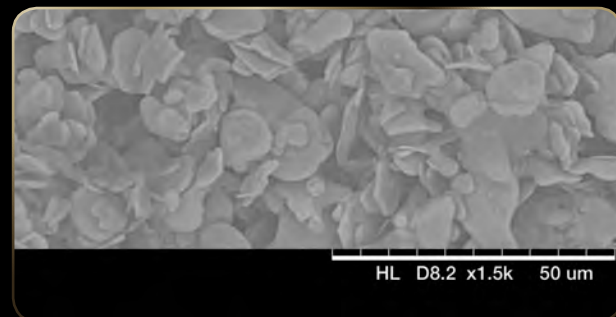
Time saved: Between 15-20 minutes.
No need for hydrofluoric acid.

IPS e.max PRESS*



UNIQUE FEATURE OF GC LiSi PressVest

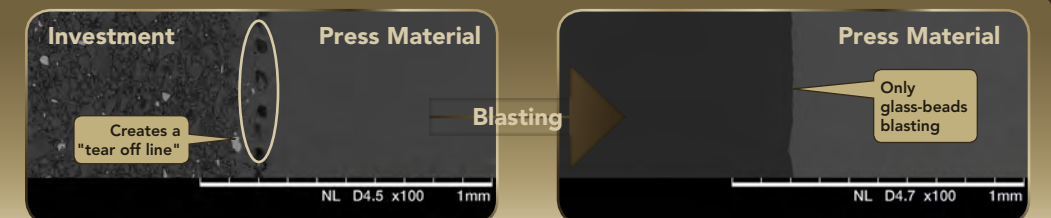
GC LiSi PressVest has a special separation capacity against ceramic under high temperature. The surface is a reaction layer inhibitor.



Restorations courtesy of Hiroaki Tada, RDT

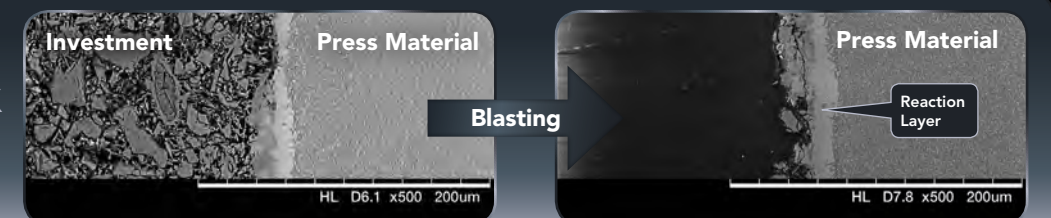
SECRET OF GC LiSi PRESSVEST

GC Initial LiSi Press

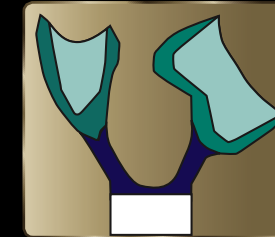


By using a unique release agent in the investment powder and GC LiSi PressVest SR liquid, a gap or "tear off line" is created resulting in an easily broken reaction layer.

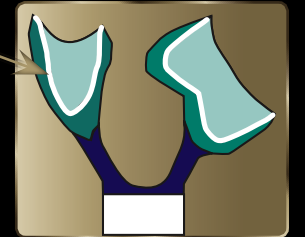
IPS e.max Press*



GC LiSi PressVest SR Liquid for even more reaction layer inhibition.



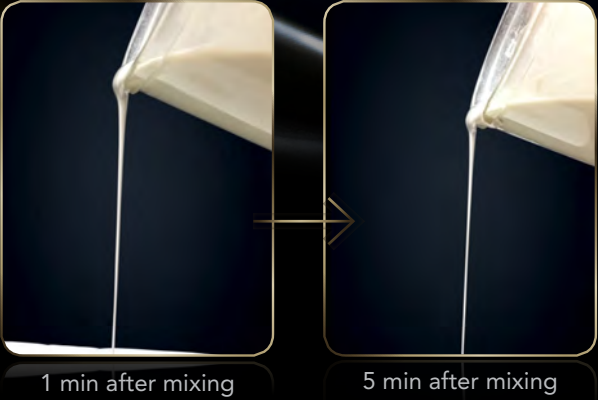
GC LiSi PressVest SR Liquid is sprayed to the intaglio (inside) of the crown, in which there is generally a stronger reaction layer.



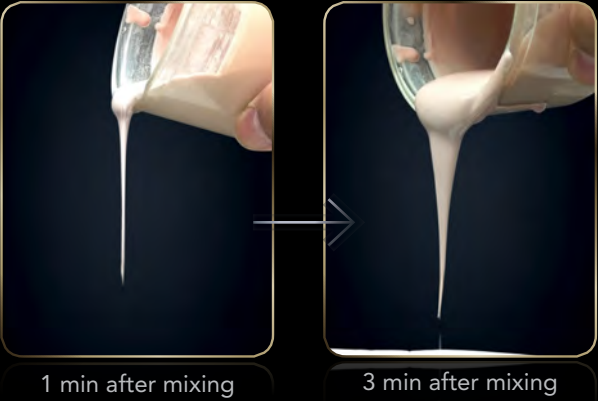
HIGH FLUIDITY & LONG WORKING TIME



GC LiSi PressVest



IPS PressVEST SPEED*



TIME UNTIL INSERTING INVESTED PATTERN INTO BURN OUT OVEN

GC LiSi PressVest	IPS PressVEST Speed*
	IPS PressVEST Speed*
20min to 180min Invested pattern can be inserted into oven at 160 minutes .	30min to 45min Only 15 minutes is allowed until placing in oven.



Before

Restorations courtesy of Myung Joo Shin, DTG



PRODUCT SKUs



Restorations courtesy of Joshua Polansky



Before

GC Initial LiSi Press

010321	GC Initial LiSi Press Ingot, HT-BLE (3gx5)
010322	GC Initial LiSi Press Ingot, HT-E57 (3gx5)
010323	GC Initial LiSi Press Ingot, HT-E58 (3gx5)
010324	GC Initial LiSi Press Ingot, HT-E59 (3gx5)
010327	GC Initial LiSi Press Ingot, MT-B0 (3gx5)
010328	GC Initial LiSi Press Ingot, MT-A1 (3gx5)
010329	GC Initial LiSi Press Ingot, MT-A2 (3gx5)
010330	GC Initial LiSi Press Ingot, MT-A3 (3gx5)
010331	GC Initial LiSi Press Ingot, MT-B1 (3gx5)
010332	GC Initial LiSi Press Ingot, MT-B2 (3gx5)
010336	GC Initial LiSi Press Ingot, LT-A (3gx5)
010341	GC Initial LiSi Press Ingot, MO-1 (3gx5)
010342	GC Initial LiSi Press Ingot, MO-2 (3gx5)
010320	GC Initial LiSi Press Ingot, HT-EXW (3gx5)
010325	GC Initial LiSi Press Ingot, HT-E60 (3gx5)
010326	GC Initial LiSi Press Ingot, MT-B00 (3gx5)
010333	GC Initial LiSi Press Ingot, MT-C1 (3gx5)
010334	GC Initial LiSi Press Ingot, MT-C2 (3gx5)
010335	GC Initial LiSi Press Ingot, MT-D2 (3gx5)
010337	GC Initial LiSi Press Ingot, LT-B (3gx5)
010338	GC Initial LiSi Press Ingot, LT-C (3gx5)
010339	GC Initial LiSi Press Ingot, LT-D (3gx5)
010340	GC Initial LiSi Press Ingot, MO-0 (3gx5)

GC LiSi PressVest

901424	GC LiSi PressVest Powder, 100gx60
901425	GC LiSi PressVest Liquid, 900mL
901426	GC LiSi PressVest SR Liquid, 100mL
901427	GC LiSi PressVest Intro Kit

GC Initial LiSi

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 Havana
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-05
875890 GC Initial LiSi Modeling Liquid, 50mL
875871 GC Initial LiSi Bleach Dentin, 20g, BLD-1, Light
875872 GC Initial LiSi Bleach Dentin, 20g, BLD-3, Xwhite
875873 GC Initial LiSi Enamel Intensive, 20g, EI-11, Grey
875874 GC Initial LiSi Enamel Intensive, 20g, EI-12, White
875875 GC Initial LiSi Enamel Intensive, 20g, EI-13, Rosa
875876 GC Initial LiSi Enamel Intensive, 20g, EI-14, Yellow
875877 GC Initial LiSi Translucent Modifier, 20g, TM-02, White
875878 GC Initial LiSi Translucent Modifier, 20g, TM-03, Rosa
875879 GC Initial LiSi Translucent Modifier, 20g, TM-04, Yellow
875880 GC Initial LiSi Enamel Occlusal, 20g, EO-16, Yellow/White
875881 GC Initial LiSi Enamel Occlusal, 20g, EO-17, Violet/Grey
875882 GC Initial LiSi Cervical Translucent, CT-21, Light
875883 GC Initial LiSi Enamel Opal, 20g, EOP-1, Bleached White
875884 GC Initial LiSi Gum, 20g, GM-23, Base Light

877086 GC Initial LiSi Basic Set
INCLUDES:
GC Initial LiSi Dentin, D-A1/DA-2/DA-3/DB-1/D-B2/D-C2, 20g
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 AL, ZR, TI/INvivo-INSitu, Glaze Liquid, 25mL
GC Initial LiSi Bleach Dentin, BLD-2, 20g
GC Initial LiSi Modeling Liquid, 50mL
GC Initial LiSi Technical Manual
GC Initial LiSi Shade Chart



Restoration courtesy of Olivier Tric, MDT

877087 GC Initial LiSi, Advanced Set
INCLUDES:
GC Initial LiSi Enamel Occlusal, EO-15 20g
GC Initial LiSi Fluo Dentin, 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

GC Initial IQ Lustre Pastes NF

876220 GC Initial IQ Lustre Paste Diluting Liquid, 8mL
876400 GC Initial IQ Lustre Paste NF Refresh Liquid, 8mL
876401 GC Initial IQ Lustre Paste NF Lustre Paste Neutral, 4g
876402 GC Initial IQ Lustre Paste NF Body Shade A, 4g
876403 GC Initial IQ Lustre Paste NF Body Shade B, 4g
876404 GC Initial IQ Lustre Paste NF Body Shade C, 4g
876405 GC Initial IQ Lustre Paste NF Body Shade D, 4g
876406 GC Initial IQ Lustre Paste NF Enamel Effect Shade 1- Vanilla, 4g
876407 GC Initial IQ Lustre Paste NF Enamel Effect Shade 2- White, 4g
876408 GC Initial IQ Lustre Paste NF Enamel Effect Shade 3- Light Gray, 4g
876409 GC Initial IQ Lustre Paste NF Enamel Effect Shade 4- Dark Gray, 4g
876410 GC Initial IQ Lustre Paste NF Enamel Effect Shade 5- Light Blue, 4g
876411 GC Initial IQ Lustre Paste NF Enamel Effect Shade 6 -Dark Blue, 4g
876412 GC Initial IQ Lustre Paste NF Enamel Effect Shade 7- INciscio, 4g
876413 GC Initial IQ Lustre Paste NF Enamel Effect Shade 8- Olive, 4g
876414 GC Initial IQ Lustre Paste NF Enamel Effect Shade V- Value, 4g
877043 GC Initial IQ Lustre Paste NF Glass Spatula
877051 GC Initial IQ Lustre Paste NF Brush 00
877052 GC Initial IQ Lustre Paste NF Brush 2
877053 GC Initial IQ Lustre Paste NF Mixing Dish
877054 GC Initial IQ Lustre Paste NF Plastic Cover
877078 GC Initial IQ Lustre Paste NF Set

G-CEM Link Force

009541 G-CEM Linkforce System Kit
009548 G-CEM Linkforce Try-In Paste, A2
009549 G-CEM Linkforce Try-In Paste, Translucent
009550 G-CEM Linkforce Try-In Paste, Opaque
009551 G-CEM Linkforce Try-In Paste, Bleach
009552 G-Premio BOND DCA, Refill 3mL
009553 G-Multi PRIMER, 5mL
010118 G-CEM Linkforce Starter Kit, A2
010119 G-CEM Linkforce Starter Kit, Translucent
010120 G-CEM Linkforce Cement, Refill A2
010121 G-CEM Linkforce Cement, Refill Translucent
010122 G-CEM Linkforce Cement, Refill Opaque
010123 G-CEM Linkforce Cement, Refill Bleach

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Internal testing conducting following ISO6872:2015 protocol



Restorations courtesy of Bill Marais, RDT

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