initial™ 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.

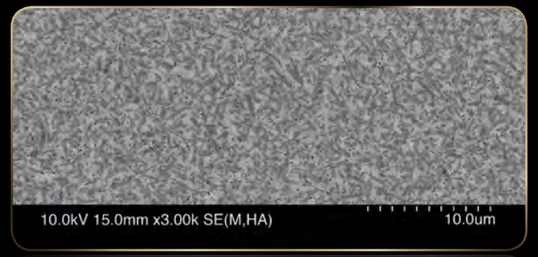
Moth pressed courtesy of John McMillan

HDM TECHNOLOGY

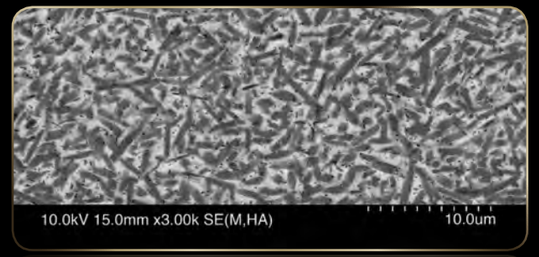
HIGH DENSITY MICRONIZATION

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.

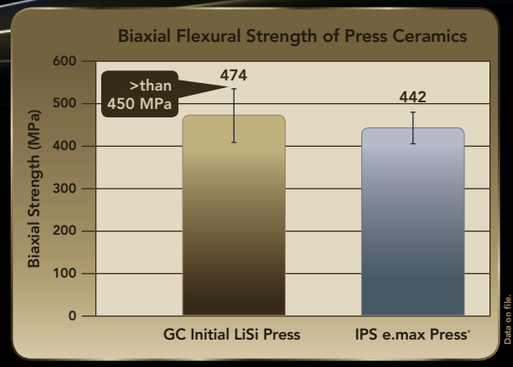
GC Initial LiSi Press PROPERTIES

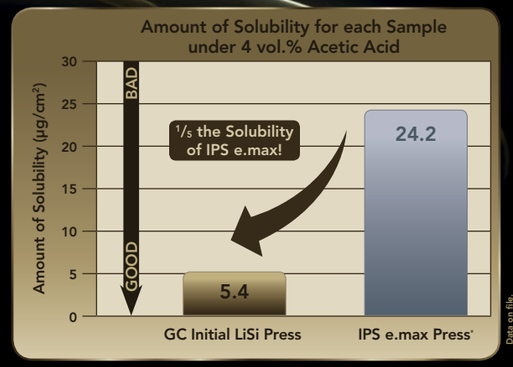
- Unsurpassed Flexural Strength (450MPa) with HDM Technology
- Unparalleled aesthetics
- Rich, warm, and bright colors with excellent fluorescence
- Virtually no reaction layer when divested which allows cleaner presses
- Low abrasion
- Optimized to be used with the proven GC Initial LiSi veneering ceramic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

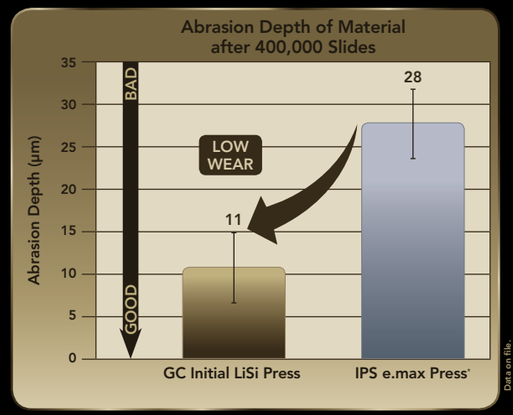
UNPARALLELED AESTHETICS

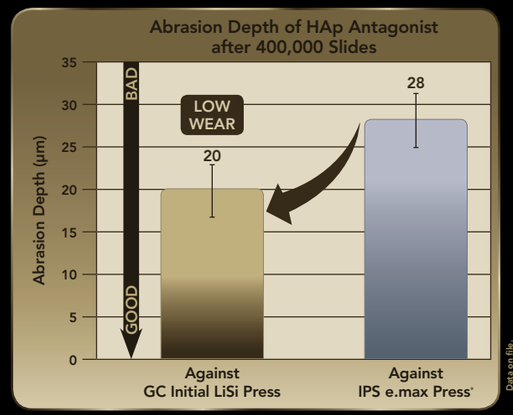
Restorations courtesy of Mitch Hurst, CDT, DTG

PHYSICAL PROPERTIES



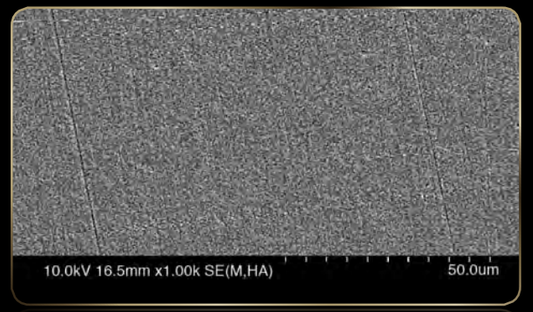




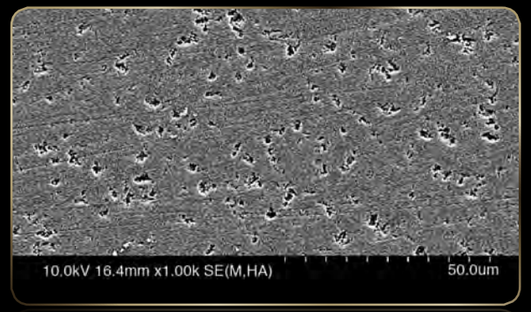


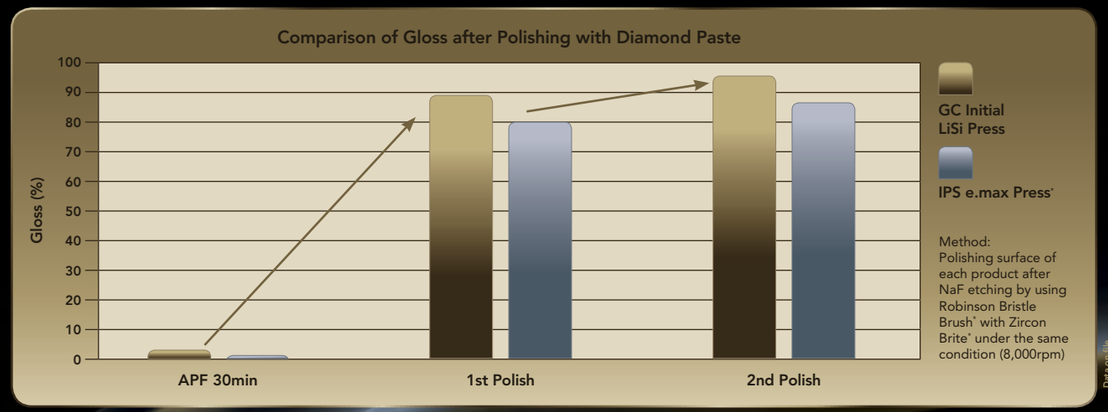
SUPERIOR POLISHABILITY

GC Initial LiSi Press
Polished surface (2nd polish)



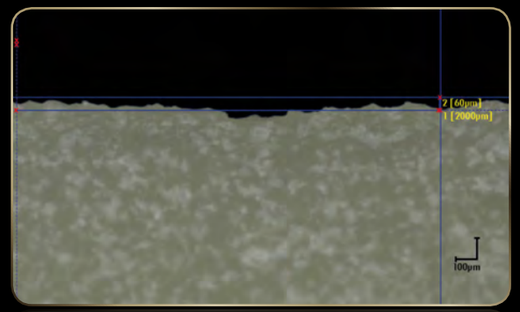
IPS e.max Press®
Polished surface (2nd polish)



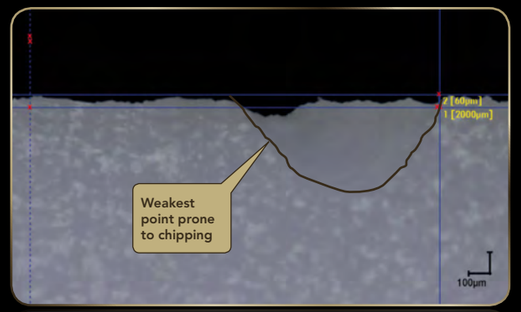


UNSURPASSED MARGINAL INTEGRITY

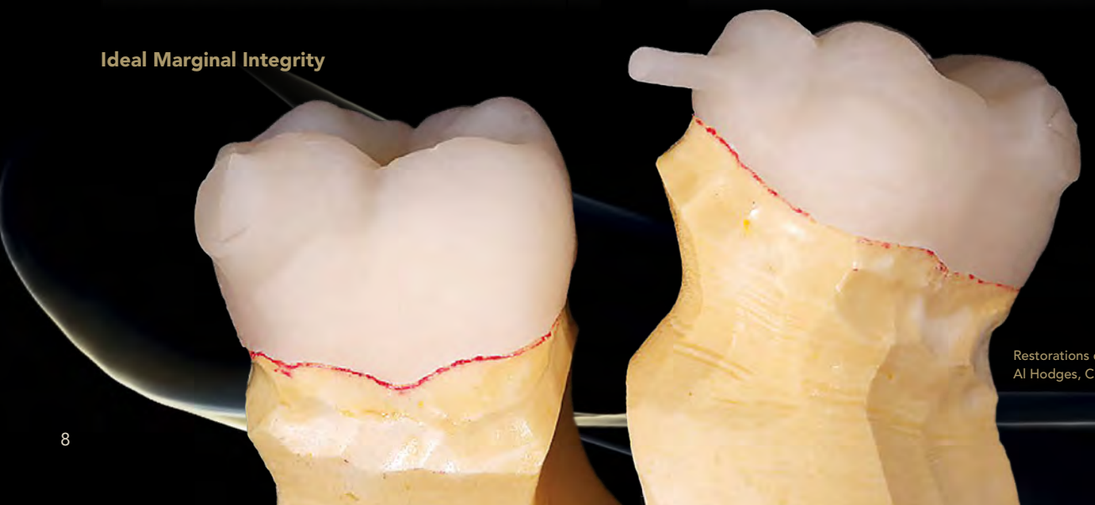
GC Initial LiSi Press



IPS e.max Press®



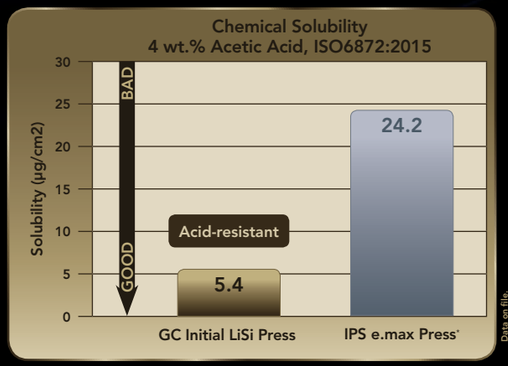
Ideal Marginal Integrity

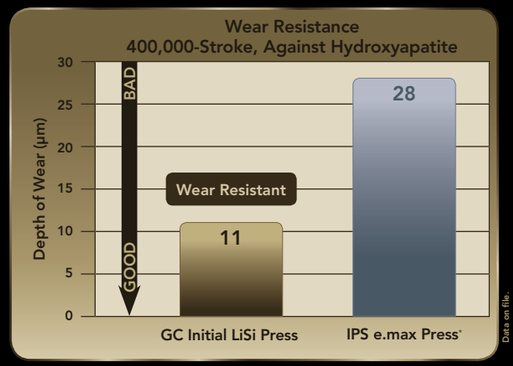


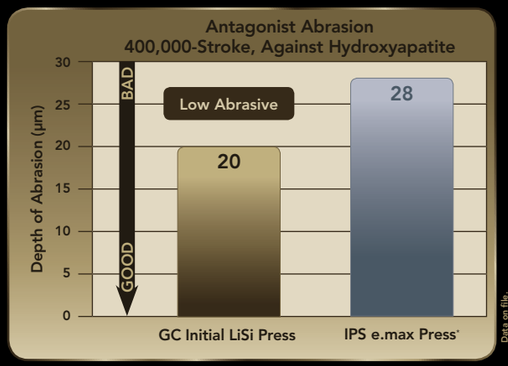
Restorations courtesy of Al Hodges, CDT

ROBUST & STABLE

Restorations courtesy of Bill Marais, RDT



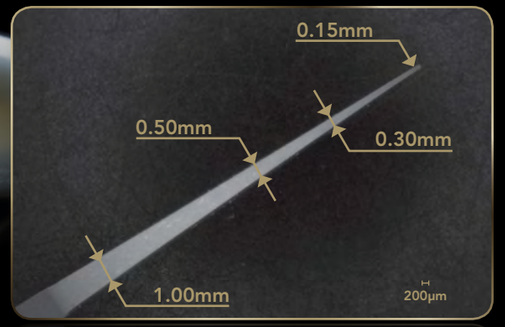




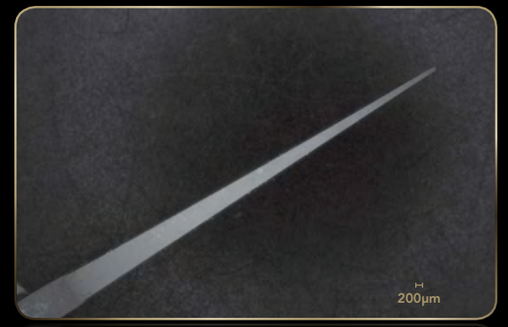
Restorations courtesy of Bill Marais, RDT and Karyn M. Halpern DMD, MS

STABILITY DURING MULTIPLE FIRINGS

GC Initial LiSi Press
Before firing

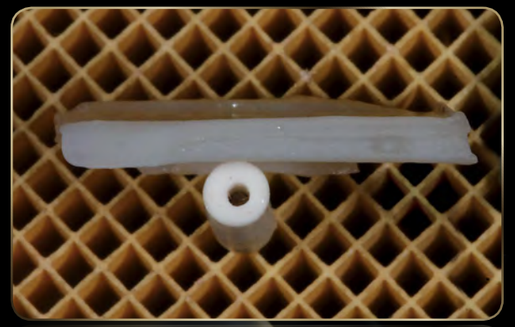


GC Initial LiSi Press
After firing

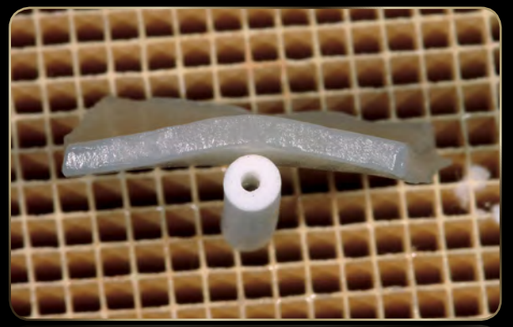


Simulating the margin, specimen with edge was fired repeatedly. No warping or cracking after multiple firings.

GC Initial LiSi Press



IPS e.max Press®



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

AVAILABLE IN 4 TRANSLUCENCIES

HIGH

TRANSLUCENCY

LOW

- **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

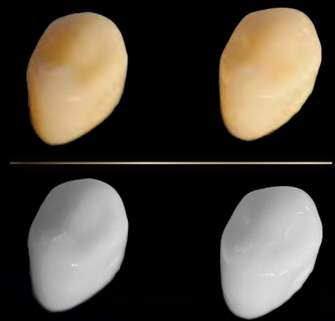
	PROCESSING TECHNIQUE			INDICATIONS				
	Staining Technique	Cut-Back Technique	Layering Technique	Veneers	Inlays	Onlays	Crowns	3-Unit Bridges
HT	✓			✓	✓	✓		
MT	✓	✓		✓	✓	✓	✓	✓
LT		✓	✓				✓	✓
MO			✓				✓	✓

VIBRANT & BRIGHTER COLOR TONES

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

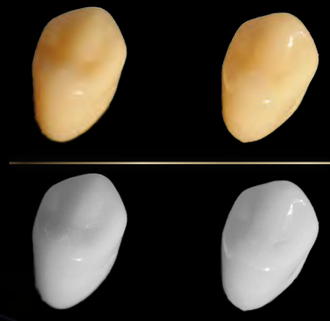
IPS e.max MT-A2*

GC Initial LiSi Press MT-A2



IPS e.max MT-A3*

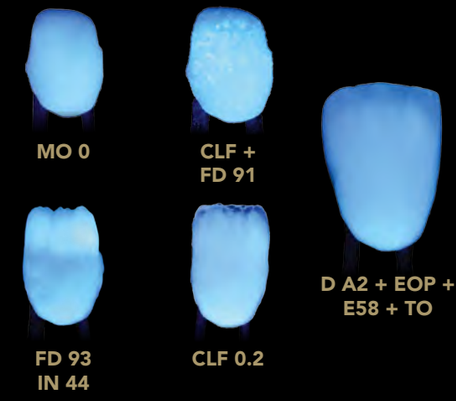
GC Initial LiSi Press MT-A3



FLUORESCENCE & OPALESCENCE

GC Initial LiSi Press	IPS e.max Press*
GC LiSi HT BLE	IPS e.max HT BL1
GC LiSi HT E57	IPS e.max HT BL2
GC LiSi HT E58	IPS e.max HT BL3
GC LiSi HT E59	IPS e.max HT BL4

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



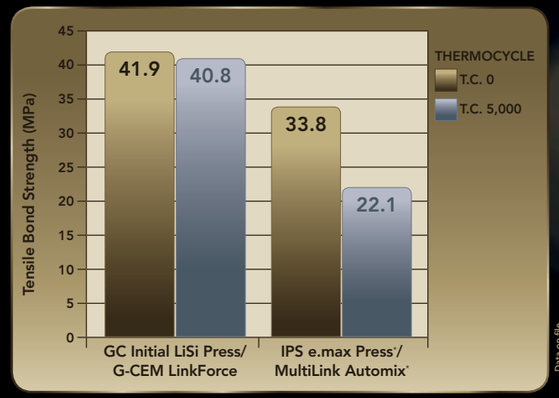
Natural Opalescence

Restorations courtesy of Simone Maffei, Italy

RELATED PRODUCTS

G-CEM LinkForce™

Dual-Cure Adhesive Resin Cement



Data on file.

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

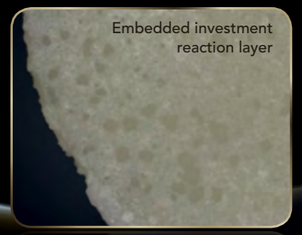
Powder (100g) x 6
Liquid (135mL)
SR Liquid (30mL)

Restorations courtesy of Al Hodges, CDT

FEATURES

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

GC Initial LiSi Press SYSTEM



IPS e.max PRESS® SYSTEM

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

EASIER REMOVAL OF REACTION LAYER

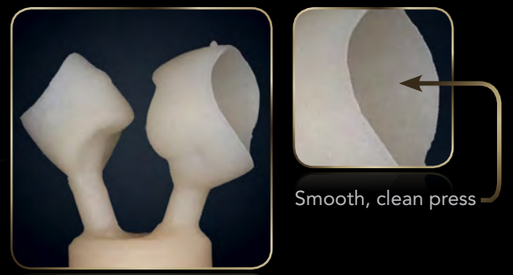
Comparison between IPS e.max Press® and GC Initial LiSi Press after sand blasting with glass beads.

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



TIME SAVING

GC INITIAL LiSi PRESS

PRESSING → DIVESTING → GLASS BEADS BLASTING → FINISHING

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

IPS e.max PRESS®

PRESSING → DIVESTING → GLASS BEADS BLASTING → HYDRO-FLUORIC ACID → ALUMINA BLASTING → FINISHING

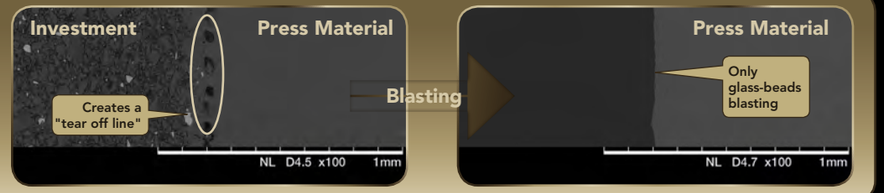
UNIQUE FEATURE OF GC LiSi PressVest

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

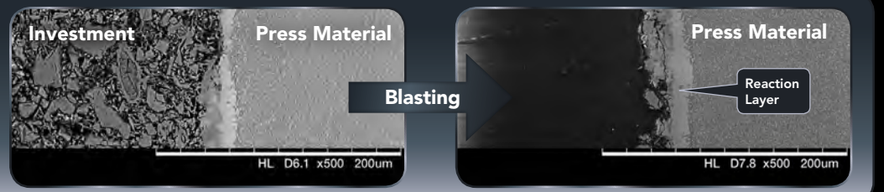
SECRET OF GC LISI PRESSVEST

GC Initial LiSi Press

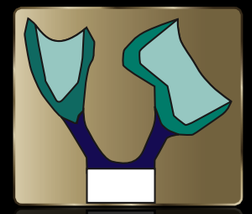


By using a unique release agent in the investment powder and GC LiSi PressVest SR liquid, a gap or "tear off line" is created resulting in an easily broken reaction layer.

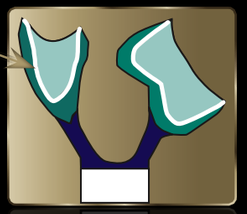
IPS e.max Press®



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

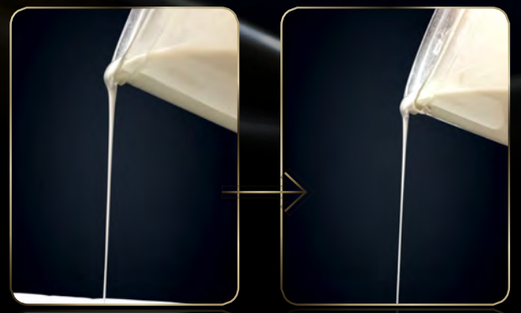


GC LiSi PressVest SR Liquid is sprayed to the intaglio (inside) of the crown, in which there is generally a stronger reaction layer.



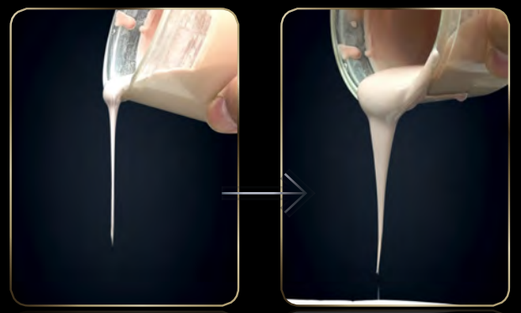
HIGH FLUIDITY & LONG WORKING TIME

GC LiSi PressVest



1 min after mixing | 5 min after mixing

IPS PressVEST SPEED*



1 min after mixing | 3 min after mixing

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 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-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, E0-16,Yellow/White
875881 GC Initial LiSi Enamel Occlusal, 20g, E0-17, 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

*Not a registered trademark of GC America.
Internal testing conducting following ISO6872:2015 protocol

Restorations courtesy of Bill Marais, RDT

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