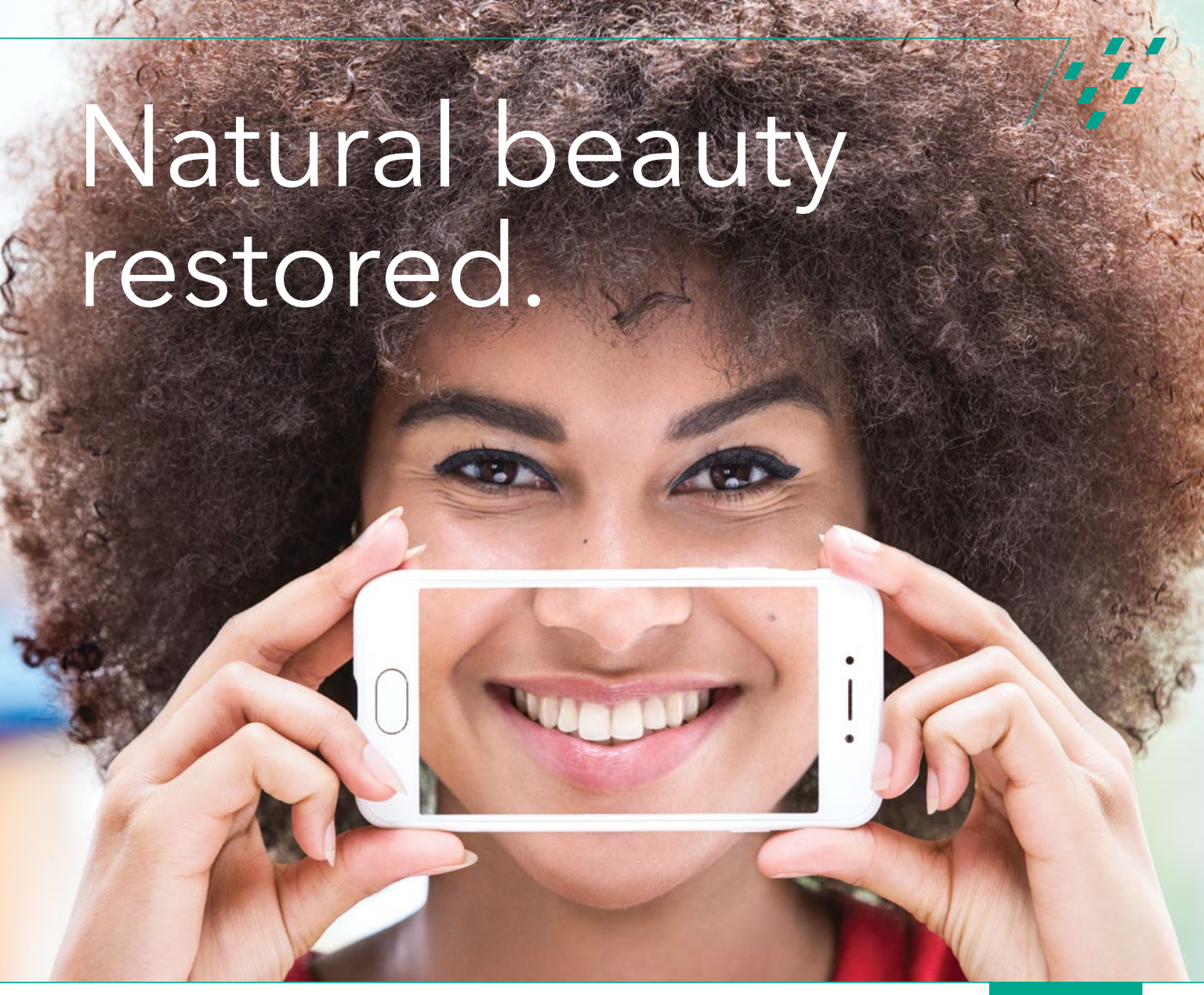
Natural beauty restored.



initial® LiSi Press

Lithium Disilicate Redefined

GC Initial® LiSi Press
The revolutionary pressable ceramic

Finally! A lithium disilicate ceramic with the aesthetics and strength technicians demand without being low in value.

Imagine a pressable ceramic that is exceptionally strong, extremely durable, with amazing aesthetics and saves your lab significant time!

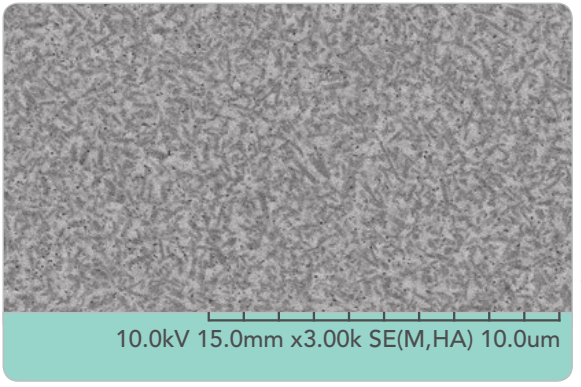
The first lithium disilicate ceramic with HDM technology

GC Initial® LiSi Press is the first lithium disilicate ceramic ingot with High Density Micronization (HDM), a technology unique to GC that provides exceptional physical properties and the most natural, life-like aesthetics. HDM uses 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 matrix structure. The result is the ultimate combination of strength and aesthetics, making GC Initial® LiSi Press perfectly suitable for all types of restorations through all levels of transparency. Most importantly, HDM technology helps ensure the product remains extremely stable, without distortion or drop in value, even after multiple firings.

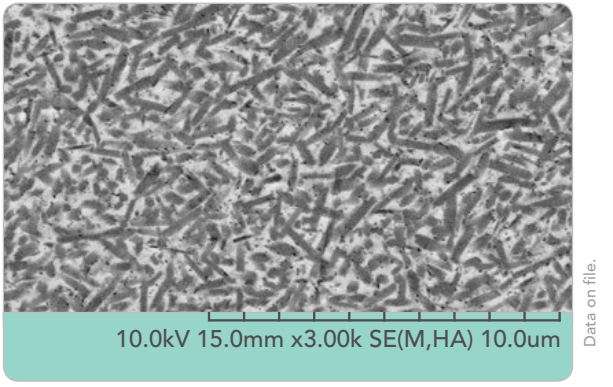
GC Initial® LiSi Press has an extremely high density thanks to:

- optimized components
- a proprietary innovative new manufacturing technology (HDM technology)

High Density Micronization



GC Initial® LiSi Press
HDM - High Density Micronization



Conventional lithium disilicate ceramic

Press for a beautiful smile

GC Initial® LiSi Press is optimized to be used with the rest of the GC Initial® family, including the already proven GC Initial® LiSi veneering ceramic and GC Initial® Lustre Pastes NF – our universal 3D paintable ceramics, further enhancing aesthetics over the widest possible indications. Do not forget to use GC Initial® LiSi Press with our dual-cure adhesive resin cement, G-CEM LinkForce®, and you will achieve extraordinarily strong and durable bonds.

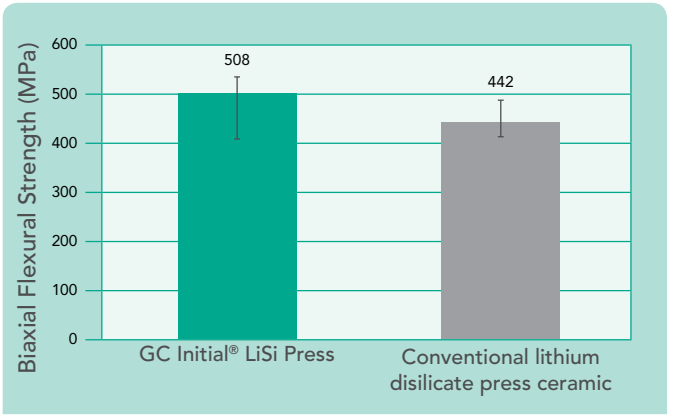
- Exceptional flexural strength
- Amazing aesthetics
- Rich, warm, bright colors with excellent fluorescence
- Predictable material and color stability after repeated firings
- Optimized for use with GC Initial® LiSi veneering ceramic and GC Initial® Lustre Pastes NF
- Real time savings
- Low solubility
- Antagonist-friendly and wear-resistant
- Almost no reaction layer when divested
- Cleaner presses
- No hydrofluoric acid necessary
- Seamless learning curve

Courtesy of Bill Marais, RDT

Physical properties

High flexural strength

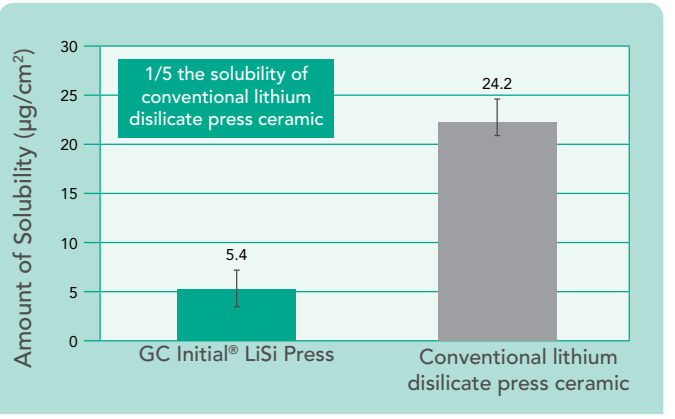
Biaxial flexural strength of press ceramics



Data on file.

Lower solubility

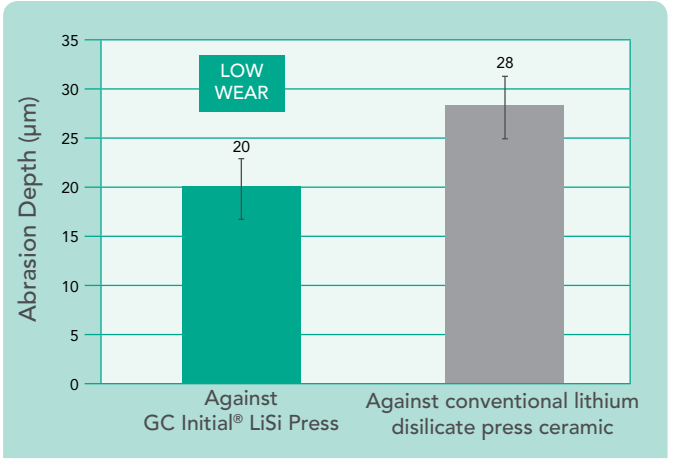
Amount of solubility for each sample under 4 vol.% Acetic acid



Data on file.

Antagonist friendly

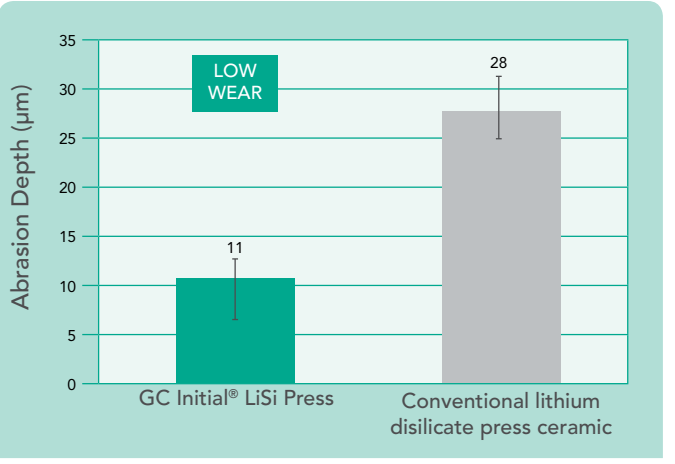
Abrasion depth of HAp antagonist after 400,000 cycles



Data on file.

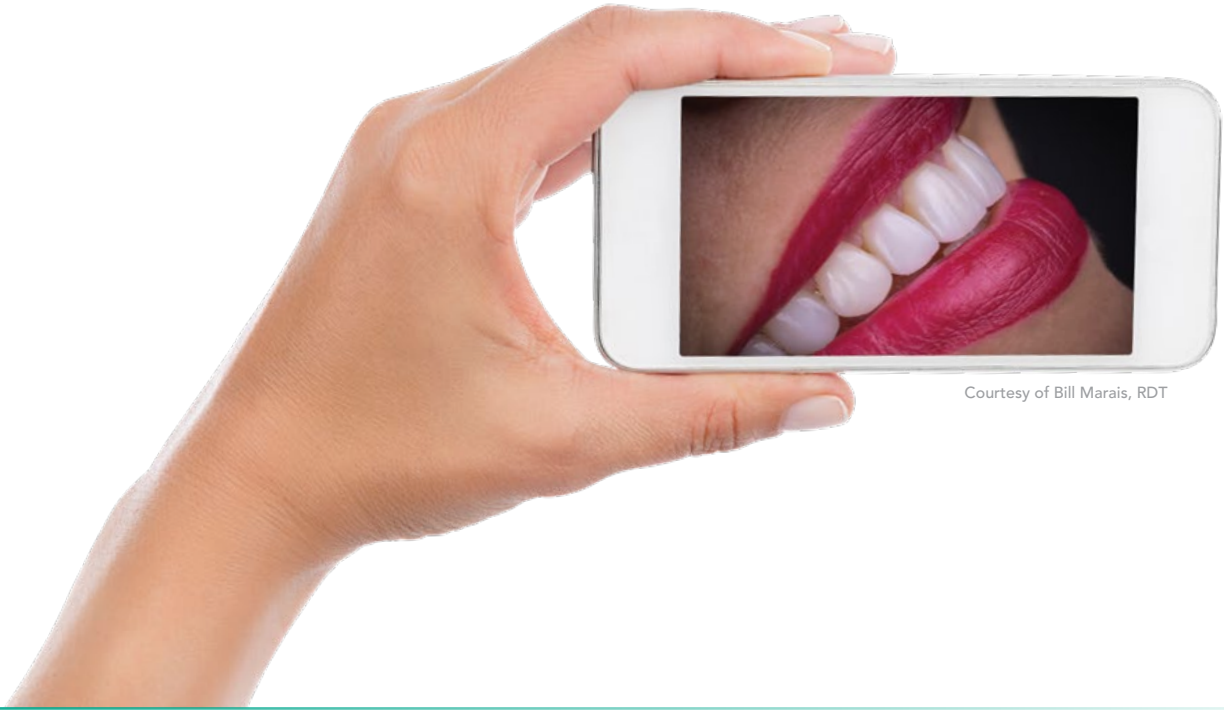
Wear resistant

Abrasion depth of material after 400,000 cycles



Data on file.

GCC R&D Internal test results following ISO6872:2015 (data on file)



Courtesy of Bill Marais, RDT

Amazing aesthetics

Shade Selection

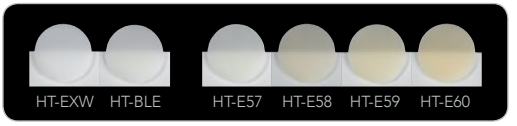
- Simplified shade line-up
- Reduction of inventory and cost
- Adaptable for a highly aesthetic build-up

Trans. Level	Bleach		A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
HT	HT-EXW	HT-BLE	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				

Available in 4 translucencies

High Translucency (HT) – Enamel replacement

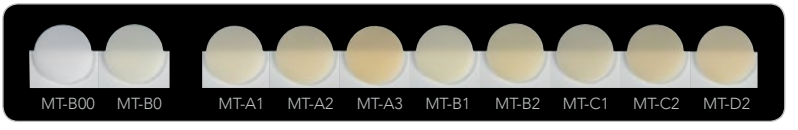
Best transparency match to natural tooth enamel, does not look dark (low value) in the mouth.



Courtesy of Hiroaki Tada, RDT

Medium Translucency (MT) – Press & Stain

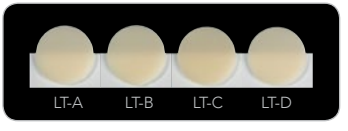
VITA Shade* line-up with warm colors from the GC Initial family of ceramic materials.



Courtesy of Bill Marais, RDT

Low Translucency (LT) – One body concept A, B, C, D or Layer

Compact color line-up following the One Body concept.



Courtesy of Myung Joo Shin

Medium Opacity (MO) – Layering

Thanks to strong fluorescence, a life-like sense of color can be reproduced when veneering GC Initial LiSi Porcelain.

Courtesy of Olivier Tric, MDT

*VITA Shades are a product of VITA Zahnfabrik.

Processing & indications

Courtesy G. Quini, MDT, Spain

Courtesy
D. Ibraimi, MDT, Switzerland

	Processing techniques			Indications				
	Staining Technique	Cut-Back Technique	Layering Technique	Veneers	Inlays	Onlays	Crowns	3-Unit Bridges
HT	•			•	•	•		
MT	•	•		•	•	•	•	•
LT		•	•				•	•
MO			•				•	•

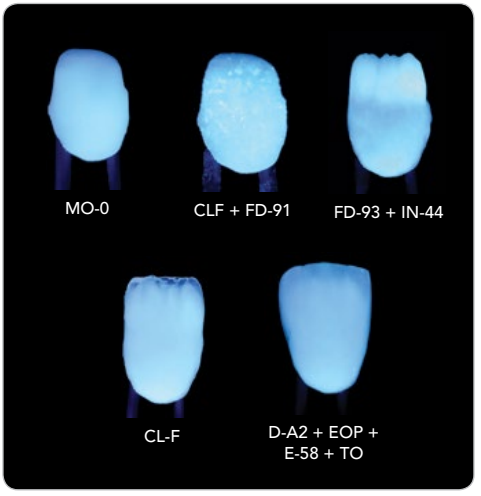
Natural light dynamics

GC Initial® LiSi Press

Conventional lithium disilicate press ceramic

Fluorescence starts from the substructure

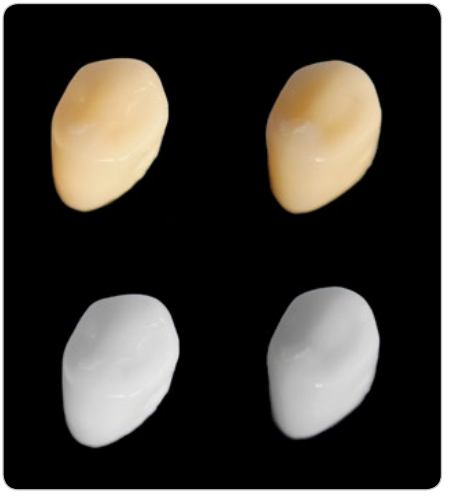
MO-0 layered with GC Initial® LiSi



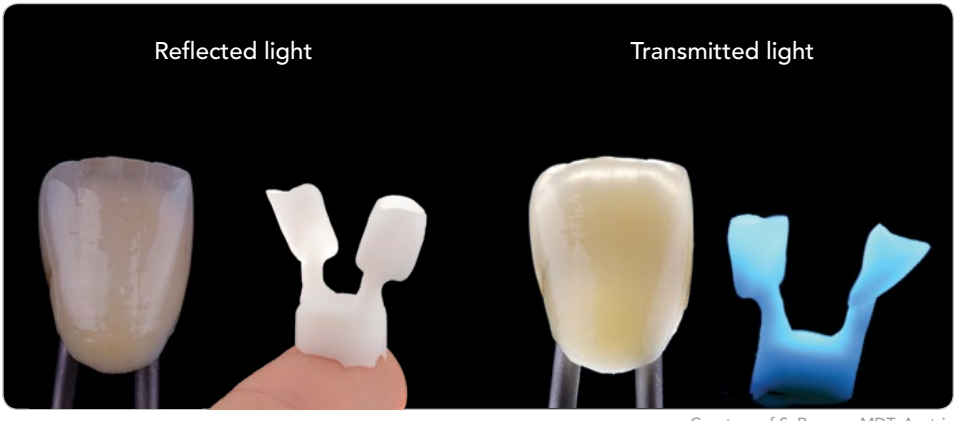
Courtesy S. Maffei, MDT, Italy

GC Initial® LiSi Press MT-A2

Conventional lithium disilicate press ceramic MT-A2



Natural opalescence



Courtesy of S. Roozen, MDT, Austria

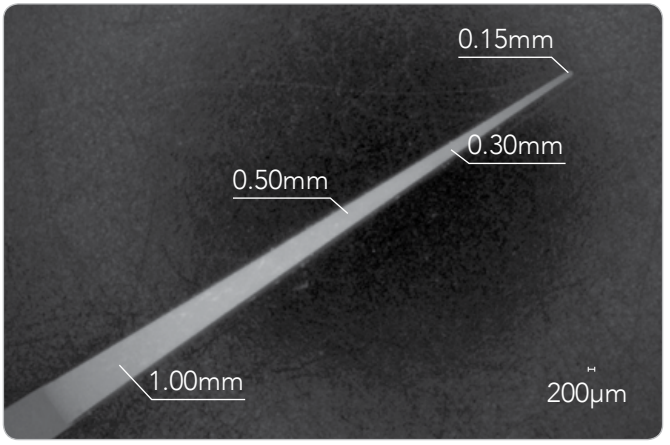
Optimized aesthetic system approach

Optimized for use with GC Initial® LiSi veneering ceramic and GC Initial® Lustre Pastes NF, adding extra vitality to your pressed crowns!

Courtesy M. Brüsch, MDT, Germany

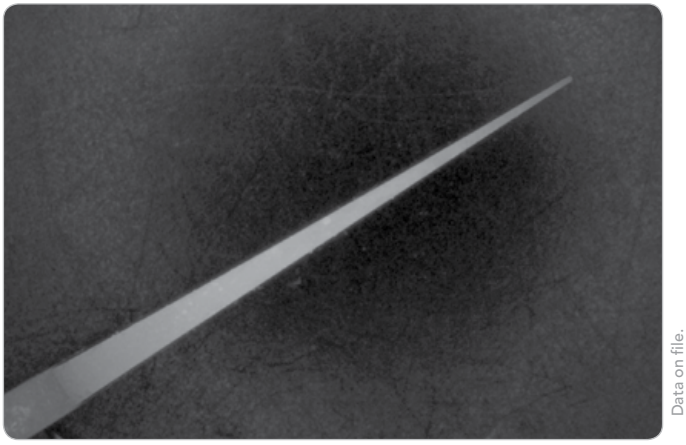
Stability during multiple firings

GC Initial® LiSi Press
Before firing



Data on file.

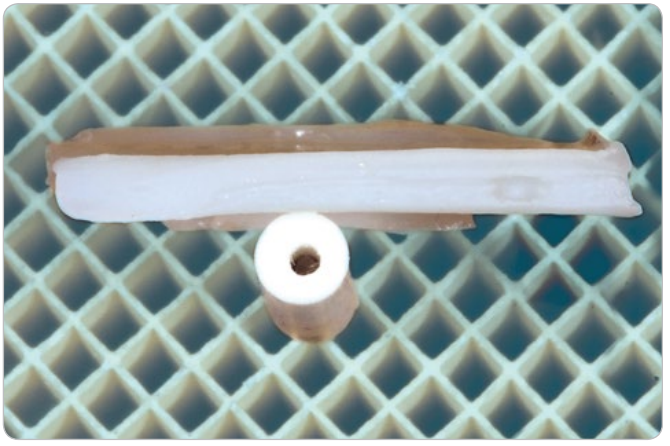
GC Initial® LiSi Press
After firing



Data on file.

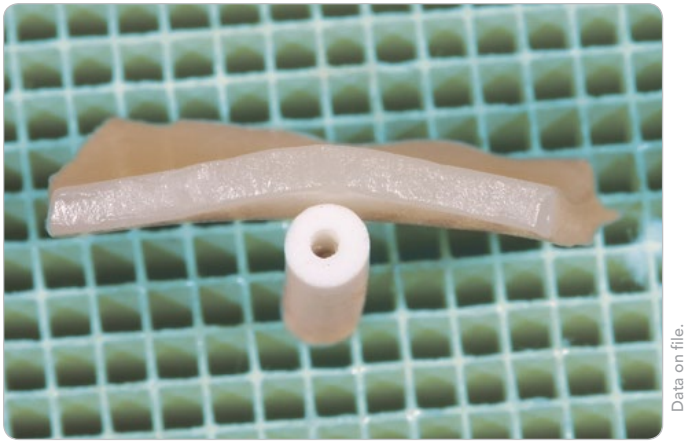
Simulating the margin, specimen with edge was fired repeatedly. No warping or cracking after multiple firings.

GC Initial® LiSi Press



Data on file.

Conventional lithium disilicate press ceramic



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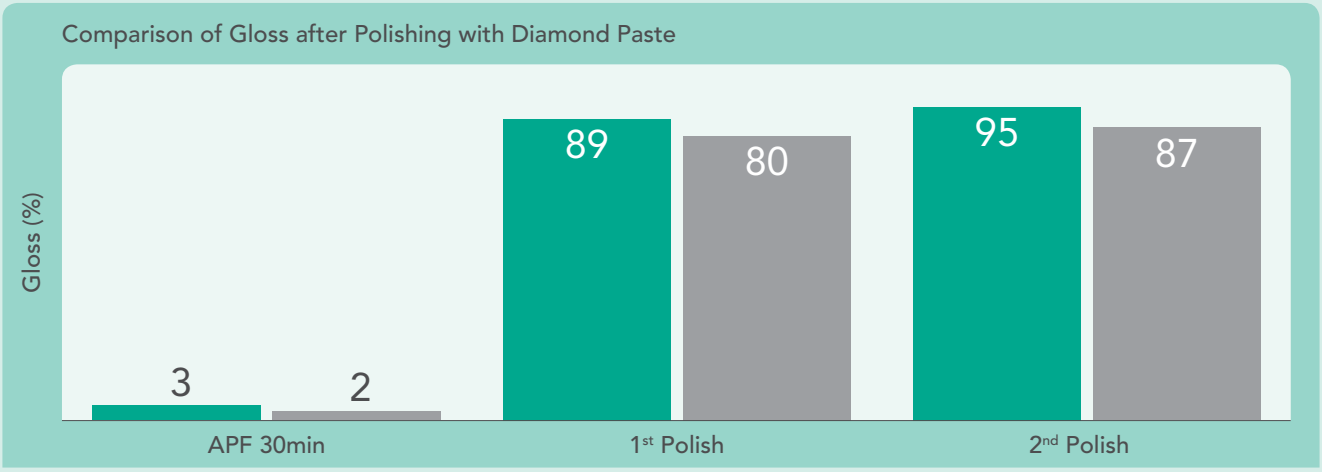
Results after 5th firing (770°C 1min, Hold). Test conducted by Masayuki Hoshi, RDT.

Excellent polishability

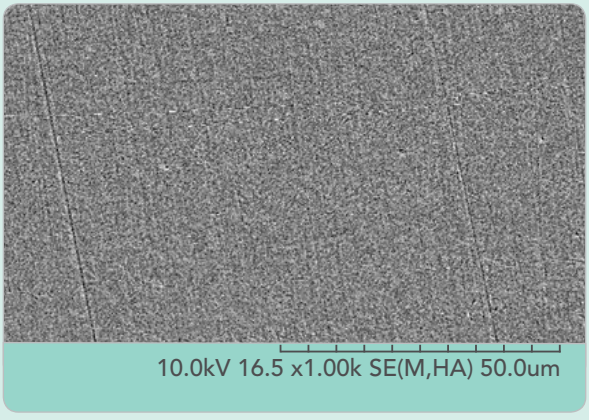


Data on file.

Method:
Polishing surface of each product after APF etching by using Abbott-Robinson®* Bristle Brush with Zircon-Brite* under the same condition (8,000rpm).

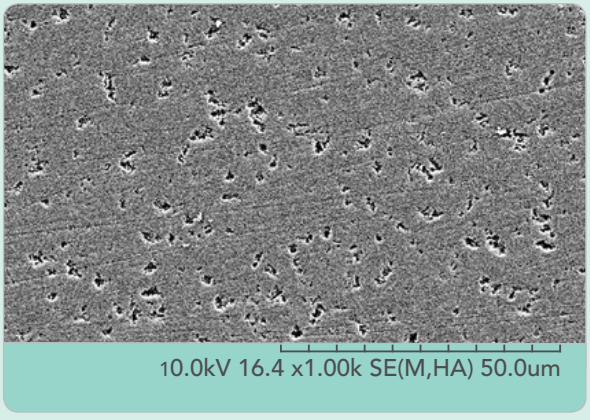
- GC Initial® LiSi Press
- Conventional lithium disilicate press ceramic

GC Initial® LiSi Press
Polished surface (2nd polish)



Data on file.

Conventional lithium disilicate press
Ceramic polished surface (2nd polish)



Data on file.

*Abbott-Robinson® is a registered trademark of Buffalo Dental Mfg Co Inc. *Zircon-Brite is a product of Dental Ventures of America, Inc.

Invest & Press
GC LiSi PressVest

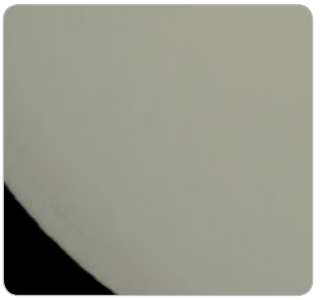
Investing made easy!

- High fluidity
- Long working time
- Stable setting time
- More flexible time to furnace
- Time savings – great for lab work flow
- Wider spruing capacity
- Better internal adaptation
- Easy removal of reaction layer
- No hydrofluoric acid necessary

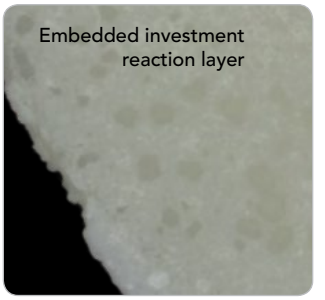
It's simply easy to use!

There is only a minimal reaction layer with GC LiSi PressVest, and it is easily removed just with glass beads. There is no need for hazardous hydrofluoric acid or alumina blasting. A key element in reaction layer inhibition is the GC LiSi PressVest SR (Surface Refining) Liquid, which is lightly sprayed on the intaglio before investing.

Courtesy of Al Hodges, CDT



GC Initial® LiSi Press

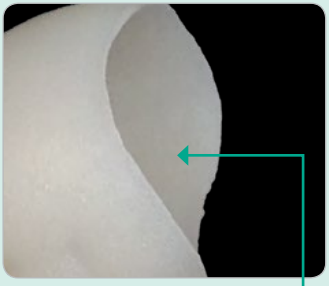


Conventional lithium disilicate press ceramic system

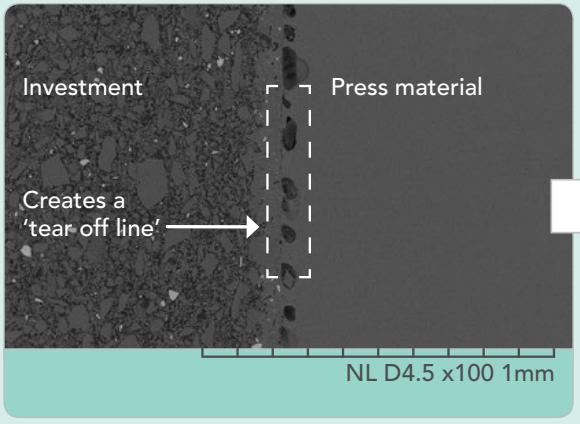
The Secret of GC LiSi PressVest

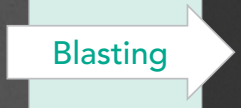
Less generation and easier removal of reaction layer

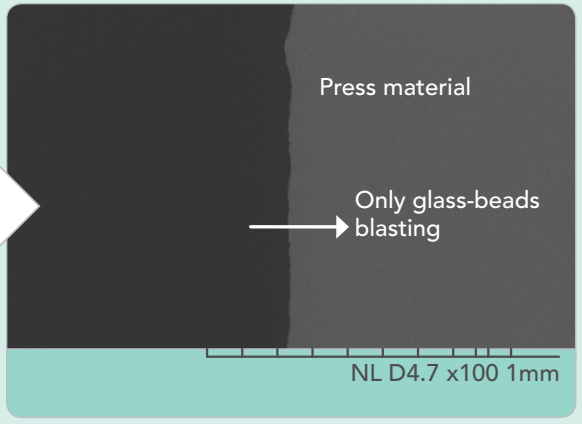
GC Initial® LiSi Press



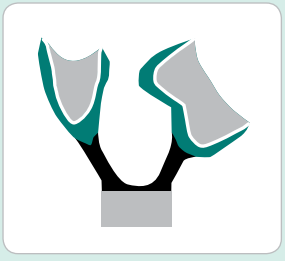
By using a unique release agent in the investment powder and GC LiSi PressVest SR liquid, a gap or "tear off line"is created, resulting in an easily broken reaction layer.



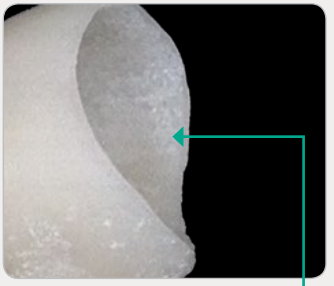




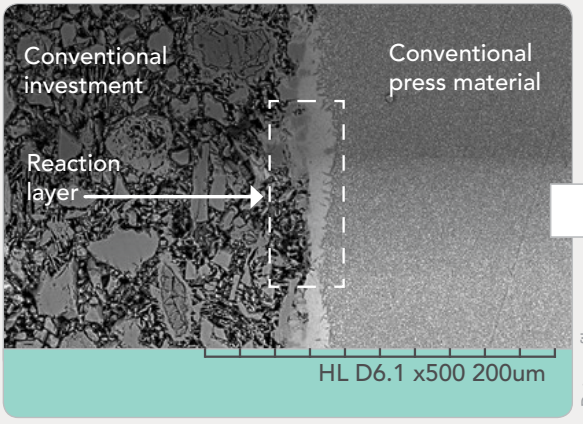
GC LiSi PressVest SR Liquid is sprayed to the intaglio (inside) of the crown, in which there is generally a stronger reaction layer.



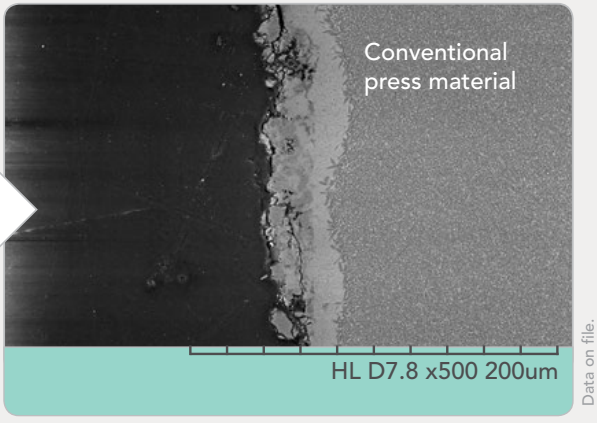
Conventional lithium disilicate press ceramic



Reaction layer:
Hybrid layer consisting of investment and press material

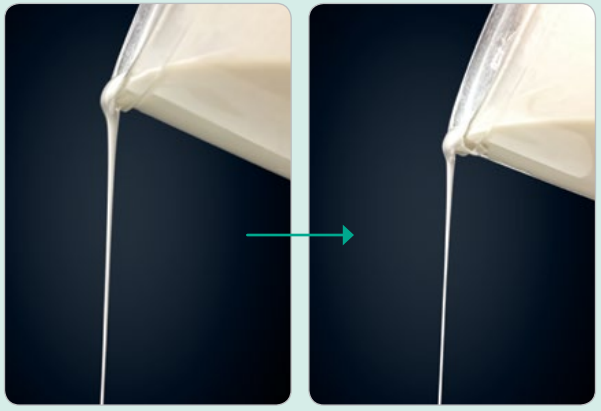


Blasting



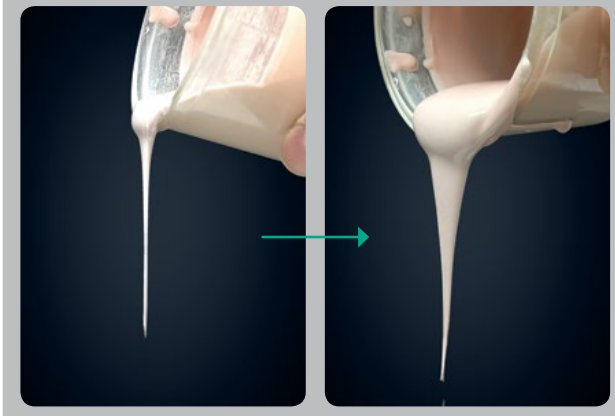
High fluidity & long working time

GC LiSi PressVest



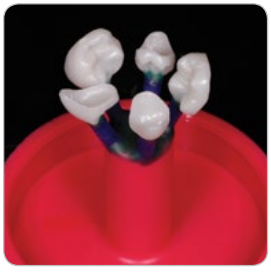
1 min. after mixing | 5 min. after mixing

Conventional investment material



1 min. after mixing | 3 min. after mixing

Time until inserting invested pattern into burn out oven	
20 min. to 180 min. Invested pattern can be inserted into oven up to 160 minutes.	**30 min. to 45 min.** Only 15 minutes is allowed until placing in oven.





Time saving

GC Initial® LiSi Press

Pressing → Divesting → Glass beads blasting → Finishing

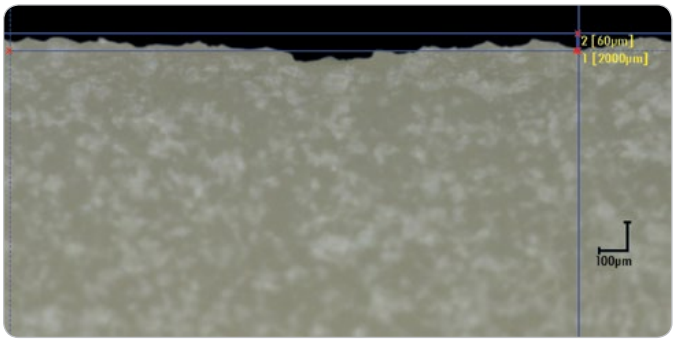
Time saved: Between 15-20 minutes.
No need for hydrofluoric acid.

Conventional lithium disilicate press ceramic system

Pressing → Divesting → Glass beads blasting → Hydrofluoric acid → Alumina blasting → Finishing

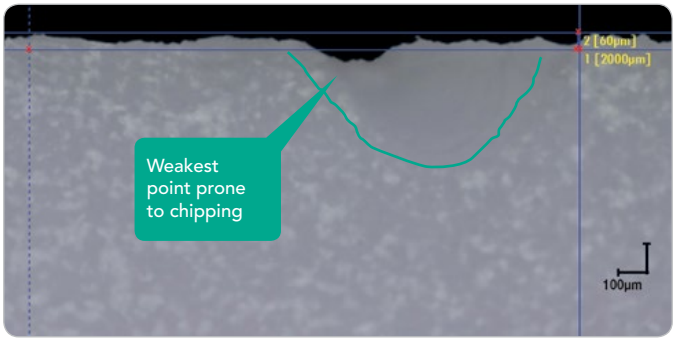
Ideal marginal integrity

GC Initial® LiSi Press



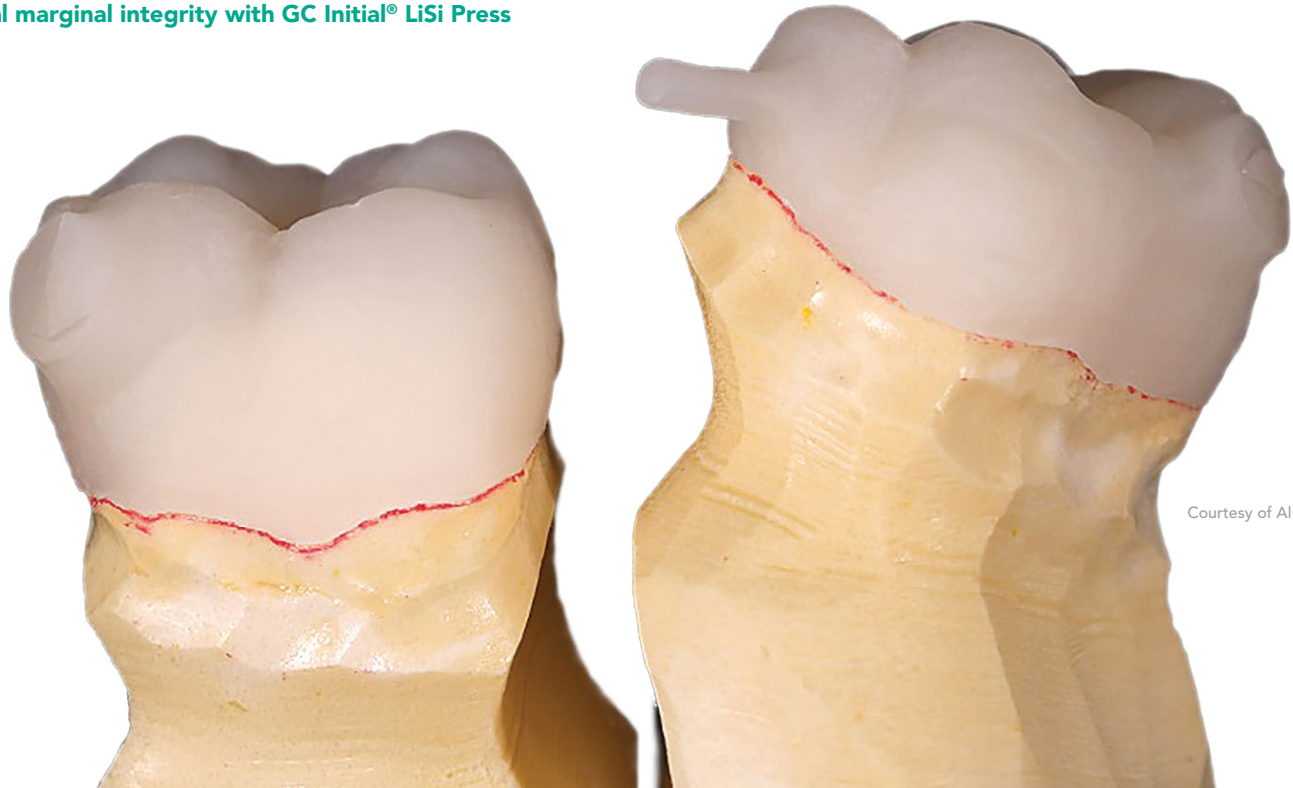
Data on file.

Conventional lithium disilicate press ceramic



Data on file.

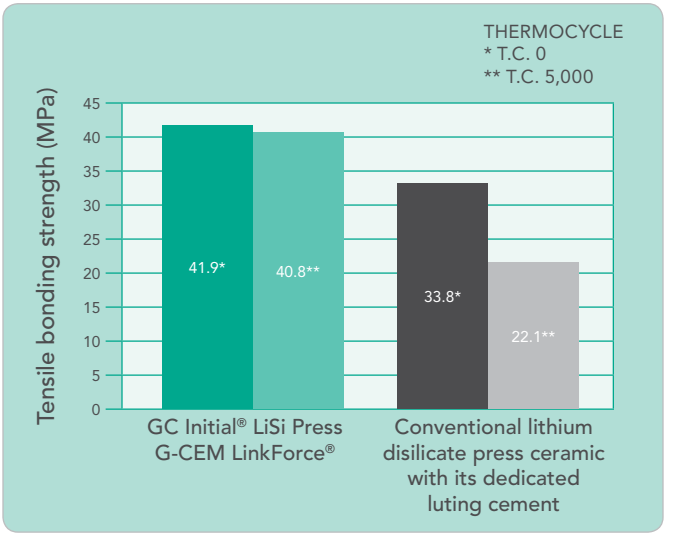
Ideal marginal integrity with GC Initial® LiSi Press



Courtesy of Al Hodges, CDT

Strong & durable bond strengths

G-CEM LinkForce® Dual Cure Adhesive Luting Cement



Data on file.

Courtesy of Pheng Lor.

Cases with GC Initial® LiSi Press

Courtesy of Al Hodges, CDT

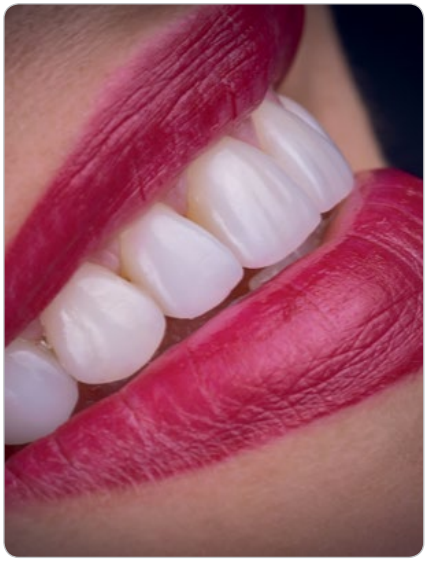
Courtesy of Myung Joo Shin

Courtesy of Olivier Tric, MDT

Courtesy of Mike Small

Courtesy of Al Hodges, CDT

Courtesy of Lucas Lammott



Courtesy of Bill Marais, RDT

Courtesy of Bill Marais, RDT

Courtesy of Joshua Polansky

Courtesy of Luke Kahng, CDT

Courtesy of John McMillan

Product SKUs

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® Spectrum Stain

877094 GC Initial Spectrum Stain Set
INCLUDES:
16 x GC Initial Spectrum Stain SPS1 – SPS16, 3g
1 x GC Initial Spectrum Glaze Powder GL, 10g
1 x GC Initial Spectrum Glaze Liquid, 25ml
1 x GC Initial Spectrum Glaze Paste Liquid, 8ml
1 x GC Initial Spectrum Stain Shade Guide

876151 GC Initial Spectrum Stain SPS-1, 3g
876152 GC Initial Spectrum Stain SPS-2, 3g
876153 GC Initial Spectrum Stain SPS-3, 3g
876154 GC Initial Spectrum Stain SPS-4, 3g
876155 GC Initial Spectrum Stain SPS-5, 3g
876156 GC Initial Spectrum Stain SPS-6, 3g
876157 GC Initial Spectrum Stain SPS-7, 3g
876158 GC Initial Spectrum Stain SPS-8, 3g
876159 GC Initial Spectrum Stain SPS-9, 3g
876160 GC Initial Spectrum Stain SPS-10, 3g
876160 GC Initial Spectrum Stain SPS-11, 3g
876162 GC Initial Spectrum Stain SPS-12, 3g
876163 GC Initial Spectrum Stain SPS-13, 3g
876164 GC Initial Spectrum Stain SPS-14, 3g
876165 GC Initial Spectrum Stain SPS-15, 3g
876166 GC Initial Spectrum Stain SPS-16, 3g
876180 GC Initial Spectrum Glaze Liquid, 25mL
876181 GC Initial Spectrum Glaze Powder GL, 10g
876182 GC Initial Spectrum Glaze Paste Liquid, 8mL
876183 GC Initial Spectrum Stain hade Guide

Product SKUs

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 Dentin, 20g, FD-91
875846 GC Initial LiSi Fluo Dentin, 20g, FD-92
875847 GC Initial LiSi Fluo Dentin, 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
875885 GC Initial LiSi Enamel Opal Booster, 20g, EOP Booster

Product SKUs

initial® LiSi Press

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

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
876426 GC Initial IQ Lustre Paste NF Enamel Effect Shade 9- Orange, 4g
876427 GC Initial IQ Lustre Paste NF Enamel Effect Shade 10- Twilight, 4g
876414 GC Initial IQ Lustre Paste NF Enamel Effect Shade V- Value, 4g
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 LinkForce®

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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LiSi Press

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