

Master all your challenges

initial[™]
TECHNIQUE GUIDE

initial[™]
TECHNIQUE GUIDE

- GC Initial MC
- GC Initial LF
- GC Initial Ti
- GC Initial Zr-FS
- GC Initial LiSi

GC

FEBRUARY 2019

GC Initial MC, GC Initial Ti & GC Initial LF

System Colour Chart



Description	No. of Bottles	Colour Code
Opaque	16	OA1-OD4
Opaque Modifier	6	OM-1: White
		OM-2: Olive/Kaki
		OM-3: Ocker/Orange
		OM-4: Yellow/Gold
		OM-5: Red/Brown
		OM-6: Gingival
Opacus Dentin	16	ODA1-ODD4
Opacus Dentin Modifier	2	ODM-1: White
		ODM-2: Yellow/Gold
Dentin	16	DA1-DD4
Fluo Dentin	3	FD-91: Light
		FD-92: Sunset
		FD-93: Sand
Enamel	4	E57-E60
Clear Fluorescence	1	CL-F
Clear Window	1	CL-W
Translucent	2	TN: Translucent Neutral
		TO: Translucent Opal
Translucent Modifier	4	TM-01: Blue
		TM-02: White
		TM-03: Rosa
		TM-04: Yellow
		TM-05: Grey
Enamel Intensive	4	EI-11: Grey
		EI-12: Yellow soft
		EI-13: Orange
		EI-14: Yellow

Description	No. of Bottles	Colour Code
Enamel Occusal	3	EO-15: White
		EO-16: Yellow Neutral
		EO-17: Violet/Grey
Enamel Opal	5	EOP-1: Bleached White
		EOP-2: White
		EOP-3: Blue
		EOP-4: Grey
		EOP Booster*
Cervical Translucent	5	CT-21: Light
		CT-22: Yellow Soft
		CT-23: Pale Orange
		CT-24: Yellow
		CT-25: Brown
Shoulder Transpa	7	ST-30: Neutral White
		ST-31: Cream
		ST-32: Light Yellow
		ST-33: Yellow
		ST-34: Pink/Beige
		ST-35: Olive Brown
		ST-36: Light Brown
Shoulder Opaque	3	SO-37: Ivory
		SO-38: Orange
		SO-39: Brown

Description	No. of Bottles	Colour Code
IN side	11	IN-41: Flamingo
		IN-42: Terracota
		IN-43: Sun
		IN-44: Sand
		IN-45: Havanna
		IN-46: Brasil
		IN-47: Sienna
		IN-48: Kurkuma
		IN-49: Maracuja
		IN-50: Curry
		IN-51: Olive
Glaze	1	GL
Correction Powder	1	COR
Bleach	4	BLD-1: Light
		BLD-2: White
		BLD-3: Xwhite
		BL-E: Bleach enamel
Gum	6	GU: Gum Universal
		GM-23: Base light
		GM-24: Base dark
		GM-34: Intensiv violet
		GM-35: Intensiv cream
		GM-36: Intensiv red

*Not available for GC Initial LF / Ti

GC Initial MC, GC Initial Ti & GC Initial LF

Colour Combination Chart

V-SHADE		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Opaque	16	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Opacus Dentin	16	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Dentin	16	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Clear Fluorescence	1	CL-F															
Enamel	16	E58	E58	E59	E60	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59

V- Shade is referring to the Vita® Shade Guide. Vita® is a registered trademark of VITA Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen, Germany.



GC Initial Zr-FS

System Colour Chart



Description	No. of Bottles	Colour Code
Frame Modifier	3	FM-1: White
		FM-2: Olive/Kaki
		FM-3: Ocker/Orange
		BL-FM
		FM-5: Gum
Opacus Dentin Modifier	2	ODM-1: White
		ODM-2: Yellow/Gold
Dentin	16	DA1-DD4
Fluo Dentin	3	FD-91: Light
		FD-92: Sunset
		FD-93: Sand
Enamel	4	E57-E60
Clear Fluorescence	1	CL-F
Clear Window	1	CL-W
Translucent	2	TN: Translucent Neutral
		TO: Translucent Opal
Translucent Modifier	4	TM-01: Blue
		TM-02: White
		TM-03: Rosa
		TM-04: Yellow
		TM-05: Grey
Enamel Intensive	4	EI-11: Grey
		EI-12: Yellow soft
		EI-13: Orange
		EI-14: Yellow

Description	No. of Bottles	Colour Code
Enamel Occlusal	3	EO-15: White
		EO-16: Yellow/Neutral
		EO-17: Violet/Grey
Enamel Opal	5	EOP-1: Bleached White
		EOP-2: White
		EOP-3: Blue
		EOP-4: Grey
		EOP Booster
Cervical Translucent	5	CT-21: Light
		CT-22: Yellow Soft
		CT-23: Pale Orange
		CT-24: Yellow
		CT-25: Brown
Shoulder Transpa	7	ST-30 Neutral White
		ST-31: Cream
		ST-32: Light Yellow
		ST-33: Yellow
		ST-34: Pink/Beige
		ST-35: Olive Brown
Shoulder Opaque	3	ST-36: Light Brown
		SO-37: Ivory
		SO-38: Orange
		SO-39: Brown

Description	No. of Bottles	Colour Code
INside	11	IN-41: Flamingo
		IN-42: Terracota
		IN-43: Sun
		IN-44: Sand
		IN-45: Havanna
		IN-46: Brasil
		IN-47: Sienna
		IN-48: Kurkuma
		IN-49: Maracuja
		IN-50: Curry
		IN-51: Olive
Glaze	1	GL
Correction Powder	1	COR
Bleach	4	BLD-1: Light
		BLD-2: White
		BLD-3: Xwhite
		BL-E: Bleach Enamel
Gum	6	GU: Gum Universal
		GM-23: Base light
		GM-24: Base dark
		GM-34: Intensiv violet
		GM-35: Intensiv cream
		GM-36: Intensiv red

GC Initial Zr-FS

Colour Combination Chart

V-SHADE		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Frame Modifier	16	FM-2	FM-2	FM-2	FM-3	FM-2	FM-1	FM-3	FM-3	FM-3	FM-1	FM-2	FM-2	FM-2	FM-1	FM-2	FM-3
Dentin	16	DA1	DA2	DA3	DA3,5	DA4	DB1	DB2	DB3	DB4	DC1	DC2	DC3	DC4	DD2	DD3	DD4
Clear Fluorescence	1	CL-F															
Enamel	4	E58	E58	E59	E60	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59

V-Shape is referring to the Vita® Shade Guide. Vita® is a registered trademark of VITA Zahnfabrik H. Rauter GmbH & Co. KG, Bad Säckingen, Germany.



GC Initial LiSi Colour Chart



Description	No. of Bottles	Colour Code
Dentin	16	DA1-DD4
Fluo Dentin	3	FD-91: Light
		FD-92: Sunset
		FD-93: Sand
Enamel	4	E57-E60
Clear Fluorescence	1	CL-F
Translucent	2	TN: Translucent Neutral
		TO: Translucent Opal
Translucent Modifier	4	TM-01: Blue
		TM-02: White
		TM-03: Rosa
		TM-04: Yellow
		TM-05: Grey
Enamel Intensive	4	EI-11: Grey
		EI-12: Yellow soft
		EI-13: Orange
		EI-14: Yellow
Enamel Occusal	3	EO-15: White
		EO-16: Yellow Neutral
		EO-17: Violet/Grey
Frame Modifier	3	EOP-1: Bleached White
		EOP-2: White
		EOP-3: Blue
		EOP-4: Grey
		EOP Booster

Description	No. of Bottles	Colour Code
Cervical Translucent	4	CT-21: Light
		CT-22: Yellow Soft
		CT-23: Pale Orange
		CT-24: Yellow
Inside	11	IN-41: Flamingo
		IN-42: Terracota
		IN-43: Sun
		IN-44: Sand
		IN-45: Havanna
		IN-46: Brasil
		IN-47: Sienna
		IN-48: Kurkuma
		IN-49: Maracuja
		IN-50: Curry
		IN-51: Olive
Glaze	1	GL
Correction Powder	1	COR
Bleach	4	BLD-1: Light
		BLD-2: White
		BLD-3: Xwhite
		BL-E: Bleach Enamel
Gum	1	GM-23: Base light

GC Initial LiSi

Colour Combination Chart

V-SHADE		A1	A2	A3	A3,5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Dentin	16	DA1	DA2	DA3	DA3,5	DA4	DB1	DB2	DB3	DB4	DC1	DC2	DC3	DC4	DD2	DD3	DD4
Clear Fluorescence	1	CL-F															
Enamel	4	E58	E58	E59	E60	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59

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Classical V-Technique

GC Initial MC

1

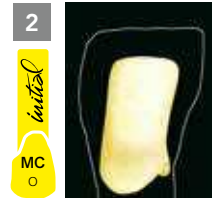


Metal Coping

WAK/CTE ($10^{-6} \times K^{-1}$) Ceramic:
GC Initial MC 13.1

WAK/CTE ($10^{-6} \times K^{-1}$) Metal:
13.8 ← IDEAL 14.2 → 14.9

2



1st Paste/Powder Opaque: wash

Result



MC Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
1st Paste Opaque Firing	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	550°C	6min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	940°C	940°C	-	1min	1min	1min
1st Powder Opaque Firing	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	600°C	2min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	940°C	940°C	-	1min	1min	1min

3



2nd Paste/Powder Opaque

Result



MC Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
2nd Paste Opaque Firing	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	550°C	6min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	930°C	930°C	-	1min	1min	1min
2nd Powder Opaque Firing	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	600°C	2min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	80°C/min	930°C	930°C	-	1min	1min	1min

4

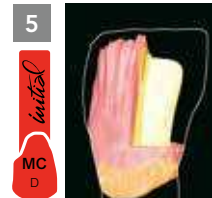


Opacus Dentin

Optional

MC Opacus Dentin A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4

5



Dentin

MC Dentin A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4

6



Clear Fluorescence

≈ 0.2 mm

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
MC Clear-Fluorescence	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→	→

7



Enamel

Result



MC Enamel	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59
1st Dentin Firing	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	580°C	6min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	890°C	890°C	-	1min	1min	1min

8



Correction: Enamel + CL-F

2nd Dentin Firing	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	580°C	6min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	890°C	890°C	-	1min	1min	1min

9



Glaze Fire + Stains

Glaze Firing	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	600°C	2min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	890°C	890°C	-	1min	1min	1min
Glaze Firing + Stains	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	Start	→	→	→	→	→	→	→	→	Vac	Final	Final	Vac	→	→	→
	480°C	2min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	55°C/min	890°C	890°C	-	1min	1min	1min

Classical V-Technique

GC Initial Ti

1  

**Titanium Coping
+ GC Initial Ti Bonder**

WAK/CTE ($10^{-6} \times K^{-1}$)
Ceramic: GC Initial Ti 8.6

Ti Bonder Firing	Start 450°C	→ 4min	↗ 55°C/min	✓ Vac	Final 810°C	Vac	⌚ 1min
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2  

1st Opaque: wash

Result 

Ti Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
1st Opaque Firing	Start	→	↗	✓	Vac	Final	Vac	⌚								
	450°C	4min	55°C/min	810°C	-	1min										

3  

2nd Opaque

Result 

Ti Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
2nd Opaque Firing	Start	→	↗	✓	Vac	Final	Vac	⌚								
	450°C	4min	55°C/min	810°C	-	1min										

4  

Opacus Dentin
Optional

Ti Opacus Dentin	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
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5  

Dentin

Ti Dentin	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
-----------	----	----	----	------	----	----	----	----	----	----	----	----	----	----	----	----

6  

Clear Fluorescence
≈ 0.2 mm

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Ti Clear-Fluorescence	←----- CL-F -----→															

7  

Enamel

Result 

Ti Enamel	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59
1st Dentin Firing	Start	→	↗	✓	Vac	Final	Vac	⌚								
	400°C	6min	45°C/min	780°C	-	1min										

8 

Correction: Enamel + CL-F

2nd Dentin Firing	Start	→	↗	✓	Final	Vac	⌚								
	400°C	6min	45°C/min	775°C	-	1min									

9 

Glaze Fire + Stains

Glaze Firing	Start	→	↗	✓	Final	Vac	⌚								
	450°C	2min	45°C/min	785°C	-	-									
Glaze Firing + Stains	Start	→	↗	✓	Final	Vac	⌚								
	480°C	2min	45°C/min	780°C	-	1min									

Classical V-Technique

GC Initial LF



1



Prepare Coping

WAK/CTE ($10^{-6} \times K^{-1}$) Ceramic:
GC Initial MC 11,6

WAK/CTE ($10^{-6} \times K^{-1}$) Metal:

13.8 ← IDEAL 14.2 → 14.9

2



1st Opaque: wash



Result

LF Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
1 st Opaque Firing	Start 450°C		➡ 4min			↗ 55°C/min			Vac ✓		Final 830°C		Vac -		🕒 1min	

3



2nd Opaque



Result

LF Opaque	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
2 nd Opaque Firing	Start 450°C						55°C/min		Vac 		Final 820°C		Vac -		 1min	

4



Opagus Dentin

Optional

LF Opaqus Dentin	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
------------------	----	----	----	------	----	----	----	----	----	----	----	----	----	----	----	----

5



Dentin

LF Dentin	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
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6

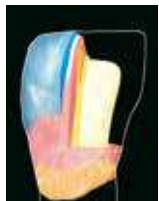


Clear Fluorescence

 $\approx 0.2 \text{ mm}$

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
LF Clear-Fluorescence																

7



Enamel



Result

	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
LF Enamel	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59
1 st Dentin Firing	Start 450°C	➡		➡		45°C/min		Vac ✔		Final 770°C		Vac -		⌚ 1min		

8



Correction: Enamel + CL-F

2 nd Dentin Firing	Start 450°C	 6min	 45°C/min	Vac 	Final 760°C	Vac -	 1min
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9



Glaze Fire + Stains

Glaze Firing	Start 480°C	➡ 2min	↗ 45°C/min	Vac ✔	Final 780°C	Vac -	
Glaze Firing + Stains	Start 480°C	➡ 2min	↗ 45°C/min	Vac ✔	Final 750°C	Vac -	 1min

Classical V-Technique

GC Initial Zr-FS

1



Zirconium Oxide Framework



2



Frame Modifier



	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Frame Mod (FM-)	2	2	2	3	2	1	3	3	3	1	2	2	2	1	2	3
Frame Modifier Firing	Start 450°C	→ 4min	↗ 55°C/min	✓ Vac	Final 800°C	- Vac	1min									

3



Fluo Dentin/Inside

Optional



4



Dentin



Zr-FS Dentin (D) A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4

5



Clear Fluorescence

≈ 0.2 mm



	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Zr-FS Clear-Fluorescence	← CL-F →															

6



Enamel



	A1	A2	A3	A3.5	A4	B1	B2	B3	B4	C1	C2	C3	C4	D2	D3	D4
Zr-FS Enamel	E58	E58	E59	E59	E60	E57	E59	E59	E59	E60	E59	E59	E60	E60	E59	E59
1st Dentin Firing	Start 450°C	→ 6min	↗ 45°C/min	✓ Vac	Final 810°C	- Vac	1min									

7



Correction: Enamel + CL-F



2nd Dentin Firing	Start 450°C	→ 6min	↗ 45°C/min	✓ Vac	Final 800°C	- Vac	1min
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8



Glaze Fire + Stains



Glaze Firing	Start 480°C	→ 2min	↗ 45°C/min	- Vac	Final 820°C	-
Glaze Firing + Stains	Start 480°C	→ 2min	↗ 45°C/min	- Vac	Final 790°C	1min

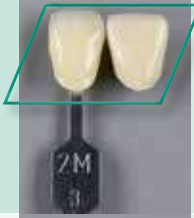
Conversion Guide GC Initial to Vita 3-D Master

Vita® 3D Master	Vita® classic (Initial MC)	Ratio	Opaker	Enamel
1M1	D-D2 + BLD-1	1:1	A1	E-58
1M2	D-A1 + IN-44	6:1	A1	E-58
2L1,5	D-A1 + IN-51	6:0.5	A2	E-58
2L2,5	D-B2 + IN-47	5:1	B2	E-58
2M1	D-C1 + BLD-1 + IN-41	4:1:0.5	A1	E-58
2M2	D-A1 + IN-45	7:1	A1	E-58
2M3	D-B2 + D-B3	1:1	B2	E-59
2R1,5	D-A1 + IN-41	5:1	A1	E-59
2R2,5	D-A2 + IN-47	5:0.5	A2	E-59
3L1,5	D-C1 + IN-46	6:1	D3	E-59
3L2,5	D-B3 + D-A3	5:1	B3	E-60
3M1	D-D2 + D-C4	5:1	D3	E-59
3M2	D-D3 + IN-45	6:1	D3	E-60
3M3	D-B4 + IN-42	6:1	B4	E-60
3R1,5	D-D2 + IN-41	3:1	A4	E-60
3R2,5	D-A3 + IN-42	2:1	A3,5	E-60
4L1,5	D-D3 + D-C4	3:1	D3	E-60
4L2,5	D-A4 + IN-50	5:1	A4	E-60
4M1	D-D3 + CT-25 + TM-05	2:1:3	A2	E-59
4M2	D-A3 + IN-45 + TM-05	3:4:5	A2	E-59
4M3	D-A3,5 + IN-45 + IN-48	5:1:0.5	A4	E-60
4R1,5	D-D3 + CT-25 + TM-05	3:2:2	A2	E-60
4R2,5	D-A3,5 + IN-45 + TM-05	3:2:2	B4	E-60
5M1	D-D3 + CT-23 + TM-05	3:1:3	A4	E-60
5M2	D-A4 + CT-23 + TM-05	2:3:2	A4	E-60
5M3	D-A4 + IN-49 + IN-48	4:0.5:0.5	A4	E-60



Conversion Guide GC Initial to Vita 3-D Master

Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
1M1		A1	D-D2 + BLD-1 1:1	E-58
1M2		A1	D-A1 + IN-44 6:1	E-58
2L1,5		A2	D-A1 + IN-51 6:0.5	E-58
2L2,5		B2	D-B2 + IN-47 5:1	E-58
2M1		A1	D-C1 + BLD-1 + IN-41 4:1:0.5	E-58

Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
2M2		A1	D-A1 + IN-45 7:1	E-58
2M3		B2	D-B2 + D-B3 1:1	E-59
2R1,5		A1	D-A1 + IN-41 5:1	E-59
2R2,5		A2	D-A2 + IN-47 5:0.5	E-59

Conversion Guide GC Initial to Vita 3-D Master

Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
3L1,5		D3	D-C1 + IN-46 6:1	E-59
3L2,5		B3	D-B3 + D-A3 5:1	E-60
3M1		D3	D-D2 + D-C4 5:1	E-59
3M2		D3	D-D3 + IN-45 6:1	E-60

Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
3M3		B4	D-B4 + IN-42 6:1	E-60
3R1,5		A4	D-D2 + IN-41 3:1	E-60
3R2,5		A3,5	D-A3 + IN-42 2:1	E-60

Conversion Guide GC Initial to Vita 3-D Master

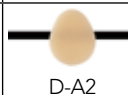
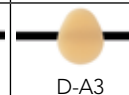
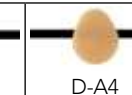
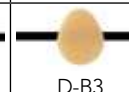
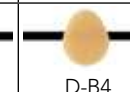
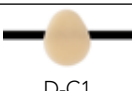
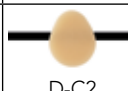
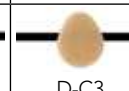
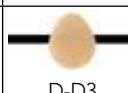
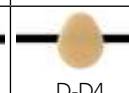
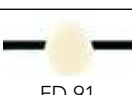
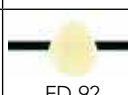
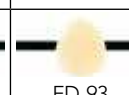
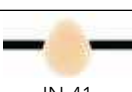
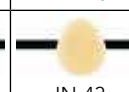
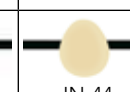
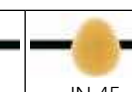
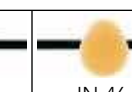
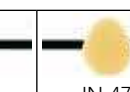
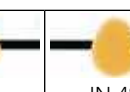
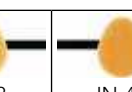
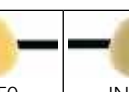
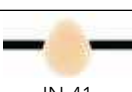
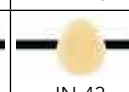
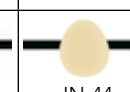
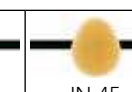
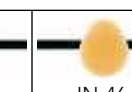
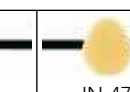
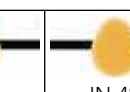
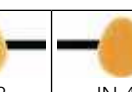
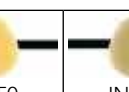
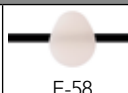
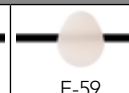
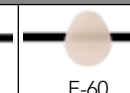
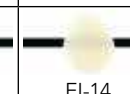
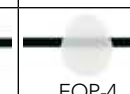
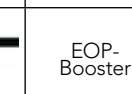
Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
4L1,5		D3	D-D3 + D-C4 3:1	E-60
4L2,5		A4	D-A4 + IN-50 5:1	E-60
4M1		A2	D-D3 + CT-25 + TM-05 2:1:3	E-59
4M2		A2	D-A3 + IN-45 + TM-05 3:4:5	E-59

Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
4M3		A4	D-A3,5 + IN-45 + IN-48 5:1:0.5	E-60
4R1,5		A2	D-D3 + CT-25 + TM-05 3:2:2	E-60
4R2,5		B4	D-A3,5 + IN-45 + TM-05 3:2:2	E-60

Conversion Guide GC Initial to Vita 3-D Master

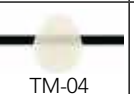
Vita® 3D Master	Color 3D	Opaque	Dentine (Ratio)	Enamel
5M1		A4	D-D3 + CT-23 + TM-05 3:1:3	E-60
5M2		A4	D-A4 + CT-23 + TM-05 2:3:2	E-60
5M3		A4	D-A4 + IN-49 + IN-48 5:0.5:0.5	E-60

GC Initial Individual Shade Modifiers

DENTIN																
Opagus Dentin Modifiers	 ODM-1	 ODM-2														
Dentin	 D-A1	 D-A2	 D-A3	 D-A3,5	 D-A4											
	 D-B1	 D-B2	 D-B3	 D-B4												
	 D-C1	 D-C2	 D-C3	 D-C4												
	 D-D2	 D-D3	 D-D4													
	 FD-91	 FD-92	 FD-93													
	 IN-41	 IN-42	 IN-43	 IN-44	 IN-45						 IN-46	 IN-47	 IN-48	 IN-49	 IN-50	 IN-51
	 IN-41	 IN-42	 IN-43	 IN-44	 IN-45						 IN-46	 IN-47	 IN-48	 IN-49	 IN-50	 IN-51
ENAMEL SHADES																
Enamel	 E-57	 E-58	 E-59	 E-60												
Enamel Intensive	 EI-11	 EI-12	 EI-13	 EI-14												
Enamel Opal	 EOP-1	 EOP-2	 EOP-3	 EOP-4							 EOP-Booster					
Enamel Occusal	 EO-15	 EO-16	 EO-17													

GC Initial Individual Shade Modifiers

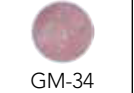
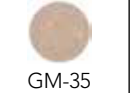
TRANSLUCENT SHADES

Translucent	 CL-F	 TN	 TO	CL-W Window	
Cervical Translucent	 CT-21	 CT-22	 CT-23	 CT-24	 CT-25
Translucent Modifier	 TM-01	 TM-02	 TM-03	 TM-04	 TM-05

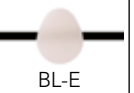
SHOULDER SHADES

Shoulder Transpa	 ST-30	 ST-31	 ST-32	 ST-33	 ST-34	 ST-35	 ST-36
Shoulder Opaque	 SO-37	 SO-38	 SO-39				

GUM SHADES

Gum	 GM-23	 GM-24	 GM-34	 GM-35	 GM-36
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BLEACH SHADES

Bleach	 BLD-1	 BLD-2	 BLD-3	 BL-E
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GC Initial IQ Lustre Pastes NF

V-Shades



L-1
Lustre Enamel Effect 1
Vanilla



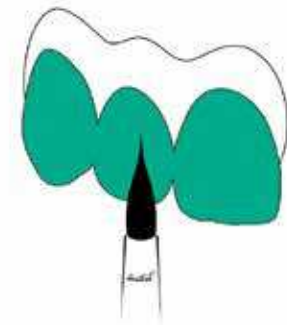
L-2
Lustre Enamel Effect 2
White



L-3
Lustre Enamel Effect 3
Light Grey



L-4
Lustre Enamel Effect 4
Dark Grey



L-5
Lustre Enamel Effect 5
Light Blue



L-6
Lustre Enamel Effect 6
Dark Blue



L-7
Lustre Enamel Effect 7
Incisio



L-8
Lustre Enamel Effect 8
Olive



L-9
Lustre Enamel Effect 9
Orange



L-10
Lustre Enamel Effect 10
Twilight



L-A
Lustre Body A



L-B
Lustre Body B



L-C
Lustre Body C



L-D
Lustre Body D



L-N
Lustre Neutral



L-V
Lustre Value

GC Initial IQ Lustre Pastes NF

Gum Shades



G-23
Lustre Gum
Base Light



G-24
Lustre Gum
Base Dark



G-34
Lustre Gum
Intensive Violet



G-35
Lustre Gum
Intensive Cream



G-36
Lustre Gum
Intensive Red



LP-M1
Modifier White



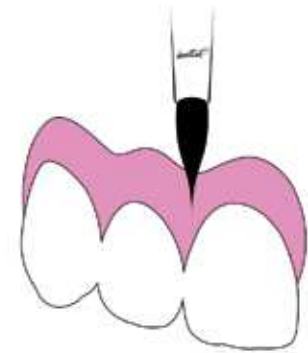
LP-M2
Modifier Red



LP-M3
Modifier Blue



LP-M4
Modifier Brown

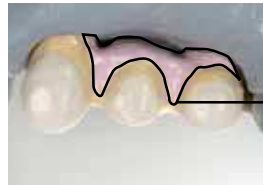


GC Initial Spectrum Stains

SPS-1		Spectrum Stain SPS-1 - ivory white
SPS-2		Spectrum Stain SPS-2 - melon yellow
SPS-3		Spectrum Stain SPS-3 - signal yellow
SPS-4		Spectrum Stain SPS-4 - light terracotta
SPS-5		Spectrum Stain SPS-5 - savannah gold
SPS-6		Spectrum Stain SPS-6 - caramel
SPS-7		Spectrum Stain SPS-7 - camel
SPS-8		Spectrum Stain SPS-8 - olive
SPS-9		Spectrum Stain SPS-9 - brown
SPS-10		Spectrum Stain SPS-10 - dark walnut
SPS-11		Spectrum Stain SPS-11 - coral
SPS-12		Spectrum Stain SPS-12 - denim blue
SPS-13		Spectrum Stain SPS-13 - twilight
SPS-14		Spectrum Stain SPS-14 - deep orange
SPS-15		Spectrum Stain SPS-15 - sunset
SPS-16		Spectrum Stain SPS-16 - midnight



GC Initial MC gum shade set



GO-U

Gum Opaque

This is applied and fired together with the tooth-coloured opaque after the wash bake.

GC Initial Zr-FS gum shade set



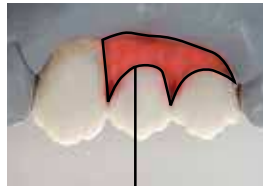
FM-05

Frame Mod. Gum

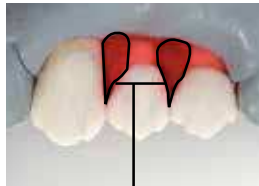
This is applied and fired together with the tooth-coloured frame modifier.



GC Initial MC gum shade set - GC Initial Zr-FS gum shade set



GM-24



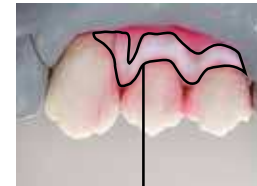
GM-36



GM-34



GM-23



GM-35



TECHNICAL INSTRUCTIONS - Additional set for individual gum shading

Base Dark

These base gum masses are applied after layering the "tooth-coloured" ceramics. The basic mass GM-24 is applied as the bottom, first layer.

Intensive Red

This powder intensifies the areas between the tooth roots. The area of application is rather selective.

Intensive Violet

GM-34 is suitable for extended restorations in the mucogingival fold. It can also be used with dark skin types.

Base Light

The entire gum layering is covered with GM-23. It is a basic powder and essentially regulates the final colour.

Intensive Cream

Then lighter areas of the attached gingiva are reconstructed on the surface. GM-35 can also be applied separately as a correction firing.

The individual steps can be divided between different firings. Firing schedule analogue to the standard layering technique (see Technical Manual for GC Initial MC or GC Initial Zr-FS).

GC Initial LiSi Press

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.



Medium Translucency (MT) – Press & stain

V-Shape line-up with warm colors from the Initial family of ceramic materials.



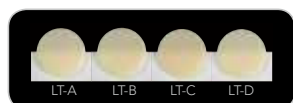
Low Translucency (LT) - Stain or layer

Low translucency ingots, following the V-Shape line-up. Ideal for staining or cut-back layering with GC Initial[™] LiSi.



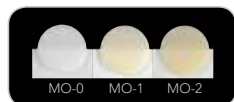
Low Translucency (LT-IQ) – One body concept A, B, C, D or Layer

Compact color line-up following the One Body concept.



Medium Opacity (MO) – Layering

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



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	HT-E60	HT-E59	HT-E60	HT-E59	HT-E60	HT-E59	HT-E60
MT	MT-B00 MT-B0	MT-A1 MT-A2	MT-A3	MT-B1 MT-B2	MT-C1 MT-C2	MT-D2	MT-B00 MT-B0	MT-A1 MT-A2	MT-A3	MT-B1 MT-B2	MT-C1 MT-C2	MT-D2	MT-B00 MT-B0	MT-A1 MT-A2	MT-A3	MT-B1 MT-B2	MT-C1 MT-C2
LT	LT-B00 LT-B0	LT-A1 LT-A2	LT-A3	LT-B1 LT-B2	LT-C1 LT-C2	LT-D2	LT-B00 LT-B0	LT-A1 LT-A2	LT-A3	LT-B1 LT-B2	LT-C1 LT-C2	LT-D2	LT-B00 LT-B0	LT-A1 LT-A2	LT-A3	LT-B1 LT-B2	LT-C1 LT-C2
LT-IQ		LT-A	LT-B	LT-C	LT-D		LT-A	LT-B	LT-C	LT-D		LT-A	LT-B	LT-C	LT-D		LT-A
MO	MO-0	MO-1	MO-2	MO-1	MO-2	MO-1	MO-0	MO-1	MO-2	MO-1	MO-2	MO-1	MO-2	MO-1	MO-2	MO-1	MO-2



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

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