VINTAGE Halo

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EN Instructions for use
FR Mode d'emploi
ES Instrucciones de uso
RU Инструкция по применению
RO Instrucţiuni de utilizare
EL Οδηγίες χρήσης
DE Gebrauchsanleitung
NL Gebruiksaanwijzing
IT Istruzioni per l'uso
PL Instrukcja obsługi
SV Bruksanvisning
PT Instruções de uso

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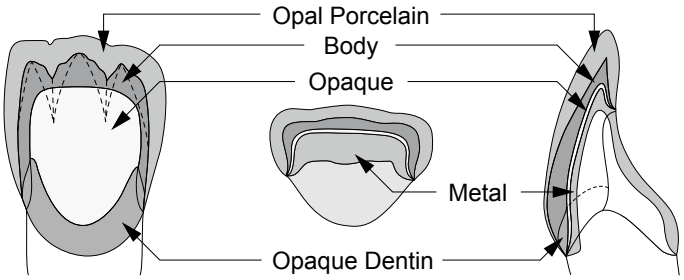
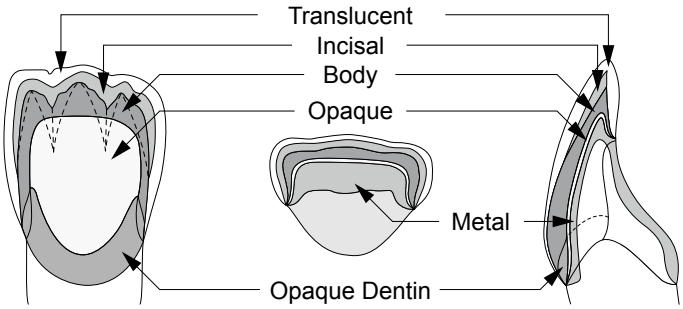
○ 2-layer technique



✻ 3-layer technique



COLOR CHART

■ Basic Shades

Shade		A1	A2	A3	A3.5	A4	rootA	B1	B2	B3	B4	rootB	C1	C2	C3	C4	rootC	D2	D3	D4
Opaque		A_1O	A_2O	A_3O	$A_{3.5}O$	A_4O	rootAO	B_1O	B_2O	B_3O	B_4O	rootBO	C_1O	C_2O	C_3O	C_4O	rootCO	D_2O	D_3O	D_4O
Opaque Dentin		OD-A_1	OD-A_2	OD-A_3	OD-$A_{3.5}$	OD-A_4	OD-rootA	OD-B_1	OD-B_2	OD-B_3	OD-B_4	OD-rootB	OD-C_1	OD-C_2	OD-C_3	OD-C_4	OD-rootC	OD-D_2	OD-D_3	OD-D_4
Body		A_1B	A_2B	A_3B	$A_{3.5}B$	A_4B	rootAB	B_1B	B_2B	B_3B	B_4B	rootBB	C_1B	C_2B	C_3B	C_4B	rootCB	D_2B	D_3B	D_4B
Opal Porcelain Incisal	57	○						○✻												
	58	✻	○✻						○✻				○✻	○✻				○		
	59			○✻	○✻					○✻					○✻			✻	○	○✻
	60					○✻	○✻				○✻	○✻				○✻	○✻		✻	
Translucent	T	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻

■ Red Shift Shades

Shade		R1	R2	R3	R3.5	R4	VR1	VR2	VR3	VR3.5	VR4
Opaque		R_1O	R_2O	R_3O	$R_{3.5}O$	R_4O	R_1O	R_2O	R_3O	$R_{3.5}O$	R_4O
Body		R_1B	R_2B	R_3B	$R_{3.5}B$	R_4B	VR_1B	VR_2B	VR_3B	$VR_{3.5}B$	VR_4B
Opal Porcelain Incisal	57	○					○	○			
	58	✻	○✻				✻	✻	○	○	
	59			○✻	○✻				✻	✻	○
	60					○✻					✻
Translucent	T	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻

■ Value Plus Shades

Shade		VA1	VA2	VA3	VA3.5	VA4	VB1	VB2	VB3	VB4
Opaque		A_1O	A_2O	A_3O	$A_{3.5}O$	A_4O	B_1O	B_2O	B_3O	B_4O
Body		VA_1B	VA_2B	VA_3B	$VA_{3.5}B$	VA_4B	VB_1B	VB_2B	VB_3B	VB_4B
Opal Porcelain Incisal	57	○	○				○	○		
	58	✻	✻	○	○		✻	✻	○	
	59			✻	✻	○			✻	○
	60					✻				✻
Translucent	T	✻	✻	✻	✻	✻	✻	✻	✻	✻

■ Value Minus Shades

Shade		VmA1	VmA2	VmA3	VmA3.5	VmA4	VmrootA	VmR1	VmR2	VmR3	VmR3.5	VmR4	VmrootR
Opaque		VmA_1O	VmA_2O	VmA_3O	$VmA_{3.5}O$	VmA_4O	VmrootAO	VmR_1O	VmR_2O	VmR_3O	$VmR_{3.5}O$	VmR_4O	VmrootRO
Opaque Dentin		VmOD-A_1	VmOD-A_2	VmOD-A_3	VmOD-$A_{3.5}$	VmOD-A_4	VmOD-rootA	VmOD-R_1	VmOD-R_2	VmOD-R_3	VmOD-$R_{3.5}$	VmOD-R_4	VmOD-rootR
Body		VmA_1B	VmA_2B	VmA_3B	$VmA_{3.5}B$	VmA_4B	VmrootAB	VmR_1B	VmR_2B	VmR_3B	$VmR_{3.5}B$	VmR_4B	VmrootRB
Opal Porcelain Incisal	57	○						○					
	58	✻	○✻					✻	○✻				
	59			○✻	○✻					○✻	○✻		
	60					○✻	○✻					○✻	○✻
Translucent	T	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻	✻

■ Whitening Shades

Shade		W1	W2	W3
Opaque		W_1O	W_2O	W_3O
Body		W_1B	W_2B	W_3B
Opal Porcelain Incisal	56	○	○2 (Note 1)	○1 (Note 2)
	57	✻	○1 ✻	○2 ✻
	58			
	59			
	60			
Translucent		✻	✻	✻

Note 1: Mixing Ratios 56:57 → 2:1
Note 2: Mixing Ratios 56:57 → 1:2

FIRING SCHEDULE

Type of porcelain	Drying time	Temperature raising speed	Firing schedule
Opaque First firing Second firing	1-3 min.	50-60 °C/min	650 °C 940-950 °C 0-1 min.
Margin First firing Second firing	3-5 min.	50-60 °C/min	650 °C 940-950 °C 0-1 min.
Opaque Dentin, Body, Opal Porcelain, Incisal, Translucent First firing	5-7 min.	50-60 °C/min	650 °C 910-930 °C 0-0.5 min.
Opaque Dentin, Body, Opal Porcelain, Incisal, Translucent Second firing	5-7 min.	50-60 °C/min	650 °C 900-920 °C 0-0.5 min.
Add-on First firing	5-7 min.	50-60 °C/min	650 °C 850-870 °C
Add-on (Glazing)	5-7 min.	50-60 °C/min	650 °C 850-870 °C
Self-glazing	5-7 min.	50-60 °C/min	650 °C 900-920 °C 0-0.5 min.
Firing of CPM, CPM FINE	5-7 min.	50-60 °C/min	

PYSICAL PROPERTIES

	Type of firing	Coefficient of thermal expansion (25-500 °C)	Glass transition point
Opaque	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	580 °C
Opaque Dentin	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	580 °C
Body	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	580 °C
Opal Porcelain Incisal	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	580 °C
Translucent	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	580 °C
Margin	2nd firing 4th firing	$13.0\times10^{-6}K^{-1}$	575 °C
Correction	2nd firing 4th firing	$11.0\times10^{-6}K^{-1}$	585 °C

: Vacuum firing (1.3-8.0 kPa)