



rainbow™ Lab System
Block Coloring Guide

Dentium
For Dentists By Dentists

Dentium
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rainbow™ Lab System

Block Coloring

Indications

Coloring Process

rainbow™ *High* Shine Block

rainbow™ Shine Block

rainbow™ Shade Block

















rainbow™ Brushing Liquid

Sintering Schedule

Transmittance & Strength Test

rainbow™ Lab System

Dentium has embarked in developing lab products to deliver those desired outcomes. Dentium has created its own zirconia block in various shades and flexural strengths to reproduce as closely as possible, the natural human tooth. Dentium has gone even further by developing solutions and substances to provide users the control over the aesthetics in implant restorations. Dentium is one of the very few dental implant companies worldwide with such sophisticated line of dental lab products.

Case	Full-Contour Single Crowns			Full-Contour Bridge	Single Crown Frameworks	Bridge Frameworks	Inlay Onlay	Veneer
								
Block								
High Shine	●	△	△	△	△	△		
Shine	△	●	△	△	●	△		
Shade	△	△	●	●	●	●		
LS Block	●	●	●				●	△
LS Pressing	●	●	●				●	△



Shine Block



STEP 1
Dipping 20 seconds



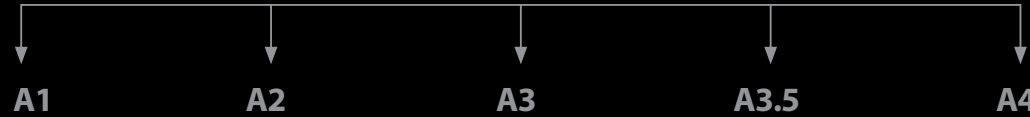
STEP 2
Remove the dipping solution
(Using tissue)



STEP 3
Drying 15 mins / 110°C,
(Depends on the condition)

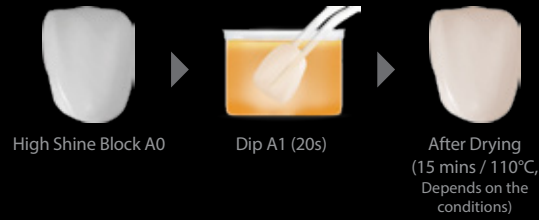


High Shine A0



	A1	A2	A3	A3.5	A4
Dipping (20s)	Dip A1	Dip A1	Dip A2	Dip A2	Dip A2
Cervical inner side		Orange	Brown	Brown	Brown
Step 1	Dip A2(x1)	Dip A2(x1)	Dip A2(x1)	Dip A2(x1)	D-Brown(x2)
Step 2	Dip A2(x1)	Dip A2(x1)	Brown(x2)	Dip A2(x1)	Brown(x1)
Step 3		Brown(x2)		D-Brown(x1)	
Sintering					

* Dark Brown = Brown x 3



STEP 1
Occlusal ~ Cervical
Dip A2
Brushing 1 time



STEP 2
Cervical
Dip A2
Brushing 1 time



STEP 1

Incisal ~ Middle
Dip A2
Brushing 1 time



STEP 2

Middle
Dip A2
Brushing 1 time



STEP 3

Cervical
Brown
Brushing 2 times





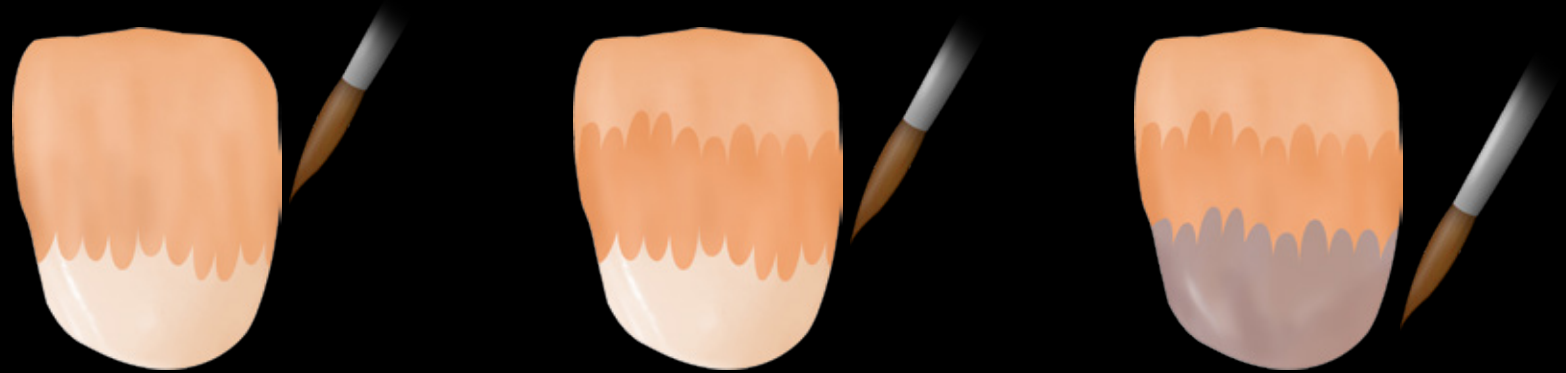
STEP 1

Middle ~ Cervical
Dip A2
Brushing 1 times



STEP 2

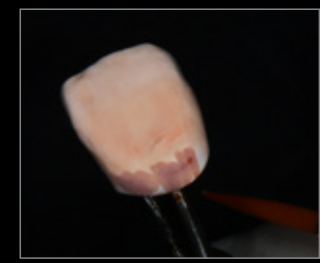
Cervical
Brown
Brushing 2 times



STEP 1
Incisal ~ Middle
Dip A2
Brushing 1 time



STEP 2
Middle
Dip A2
Brushing 1 time

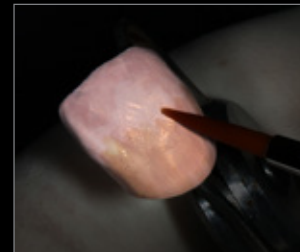


STEP 3
Cervical
D-Brown
Brushing 1 time



STEP 1

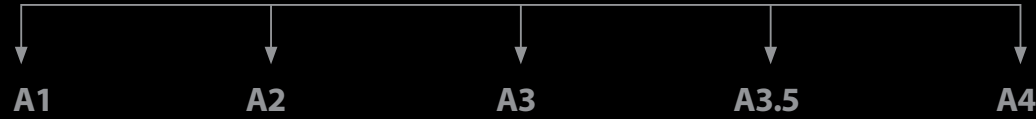
Incisal ~ Cervical
D-Brown
Brushing 2 times



STEP 2

Middle ~ Cervical
Brown
Brushing 1 time

High Shine A1

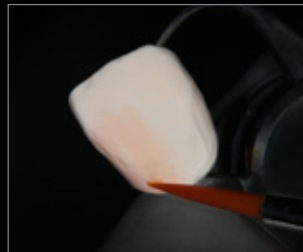
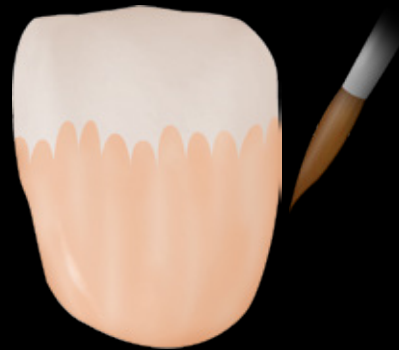


	A1	A2	A3	A3.5	A4
Dipping (20s)		Dip A0.5	Dip A1	Dip A2	Dip A2
Cervical inner side		Orange	Brown	Brown	D-Brown
Step 1	Dip A2(x1)	Dip A3(x1)	Dip A3(x1)	Dip A3(x1)	D-Brown(x1)
Step 2			Dip A3(x1)		Brown(x1)
Step 3			Brown(x1)		
Sintering					

* Dark Brown = Brown x 3

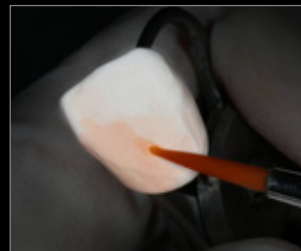
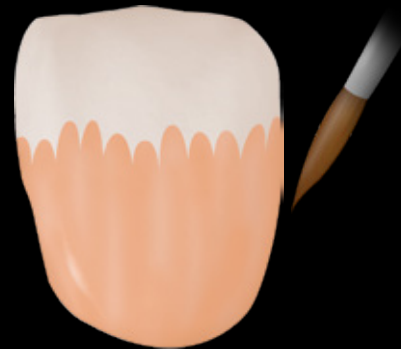


High Shine Block A1



STEP 1

Middle ~ Cervical
Dip A2
Brushing 1 time



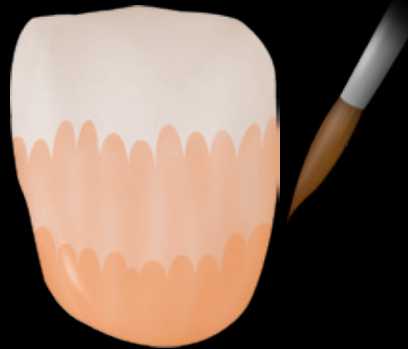
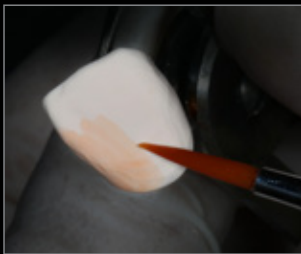
STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time



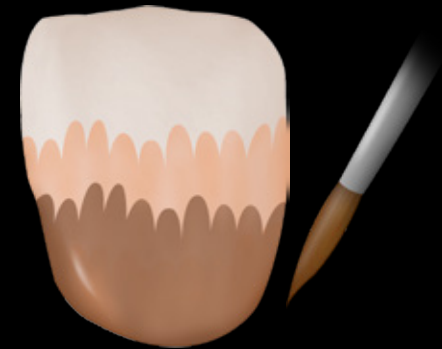
STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time



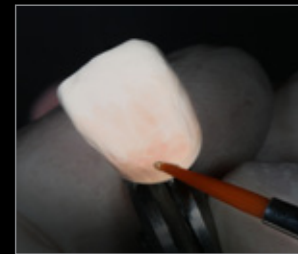
STEP 2

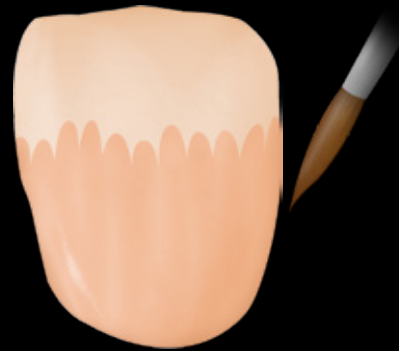
Cervical
Dip A3
Brushing 1 time



STEP 3

Cervical
Brown
Brushing 1 time





STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time

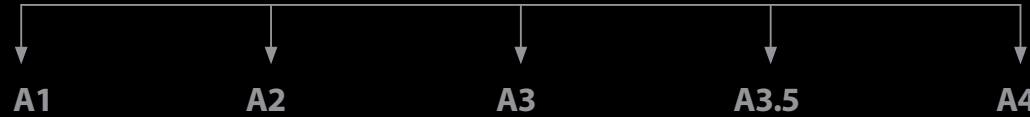


STEP 1
Middle ~ Cervical
D-Brown
Brushing 1 time



STEP 2
Cervical
Brown
Brushing 1 time

High Shine A2

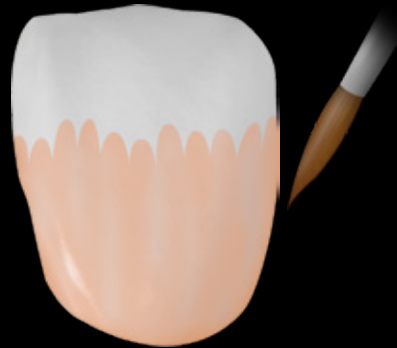


	A1	A2	A3	A3.5	A4
Dipping (20s)		Dip A0.5	Dip A0.5	Dip A2	Dip A2
Cervical inner side		Orange	Brown	D-Brown	D-Brown
Step 1	Dip A3(x1)	Dip A3(x1)	Dip A3(x1)	Dip A3(x2)	Brown(x2)
Step 2			Dip A3(x1)	Brown(x1)	Brown(x1)
Step 3			Brown(x1)		
Sintering					

* Dark Brown = Brown x 3

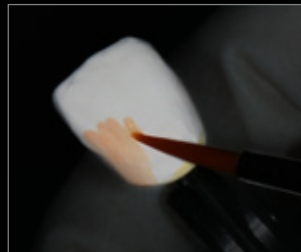
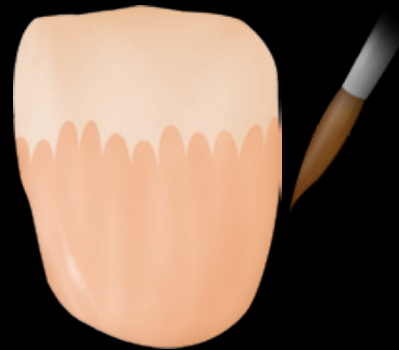


High Shine Block A2



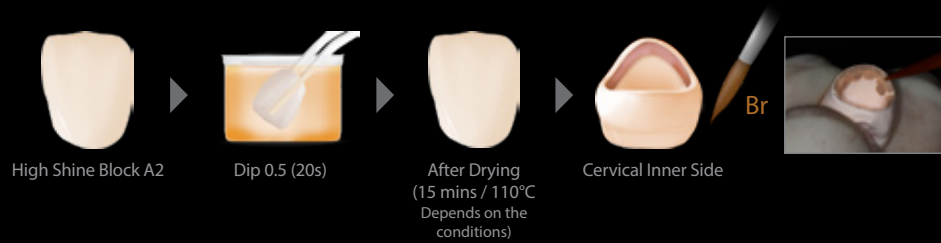
STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time



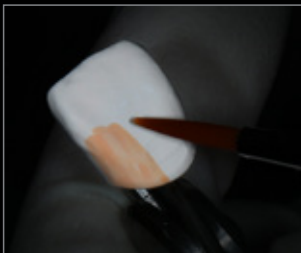
STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time



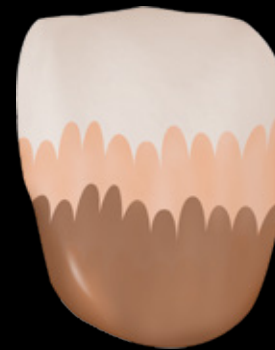
STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 time



STEP 2

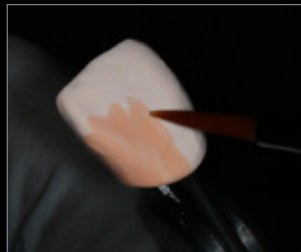
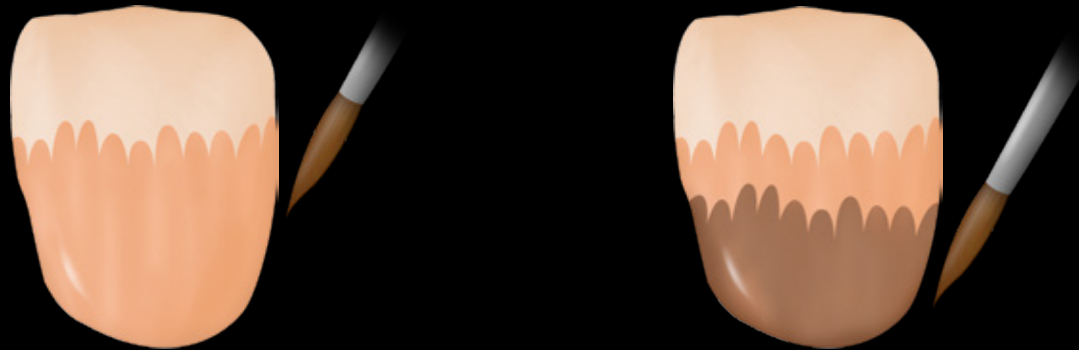
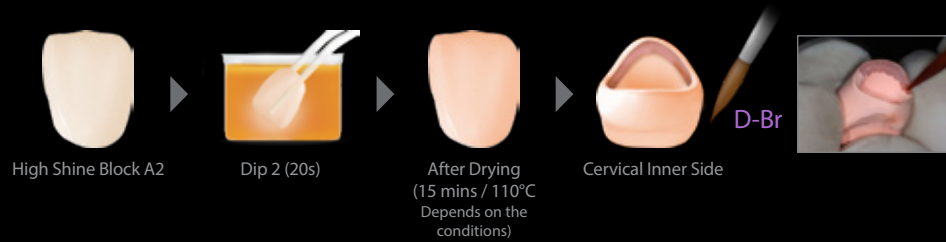
Cervical
Dip A3
Brushing 1 time



STEP 3

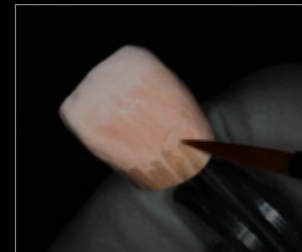
Cervical
Brown
Brushing 1 time





STEP 1

Middle ~ Cervical
Dip A3
Brushing 2 times



STEP 2

Cervical
Brown
Brushing 1 time

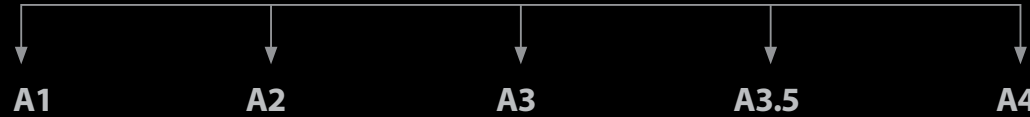


STEP 1
Middle ~ Cervical
Brown
Brushing 2 times



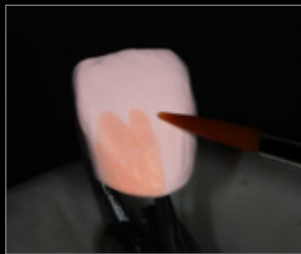
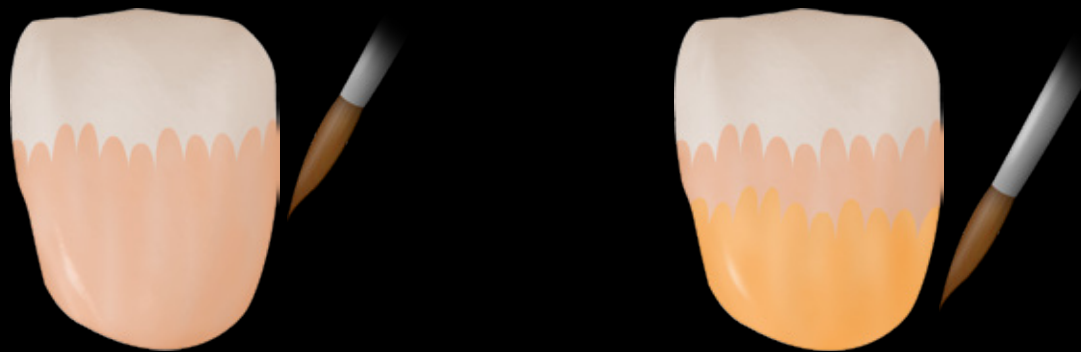
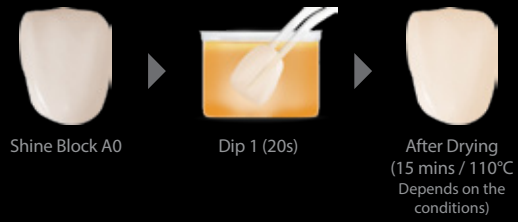
STEP 2
Cervical
Brown
Brushing 1 time

Shine A0



	A1	A2	A3	A3.5	A4
Dipping (20s)	Dip A1	Dip A1	Dip A2	Dip A3	Dip A3
Cervical inner side		Orange	Brown	D-Brown	D-Brown
Step 1	Dip A3(x1)	Dip A3(x1)	Dip A3(x1)	Dip A3(x1)	D-Brown(x1)
Step 2	Orange(x1)	Dip A3(x1)	Dip A3(x1)	Dip A3(x1)	Brown(x1)
Step 3				Brown(x1)	Brown(x1)
Sintering					

* Dark Brown = Brown x 3



STEP 1
Middle ~ Cervical
Dip A3
Brushing 1 time



STEP 2
Cervical
Orange
Brushing 1 time



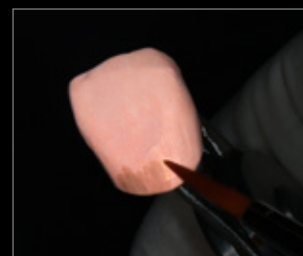
STEP 1
Incisal ~ Cervical
Dip A3
Brushing 1 time



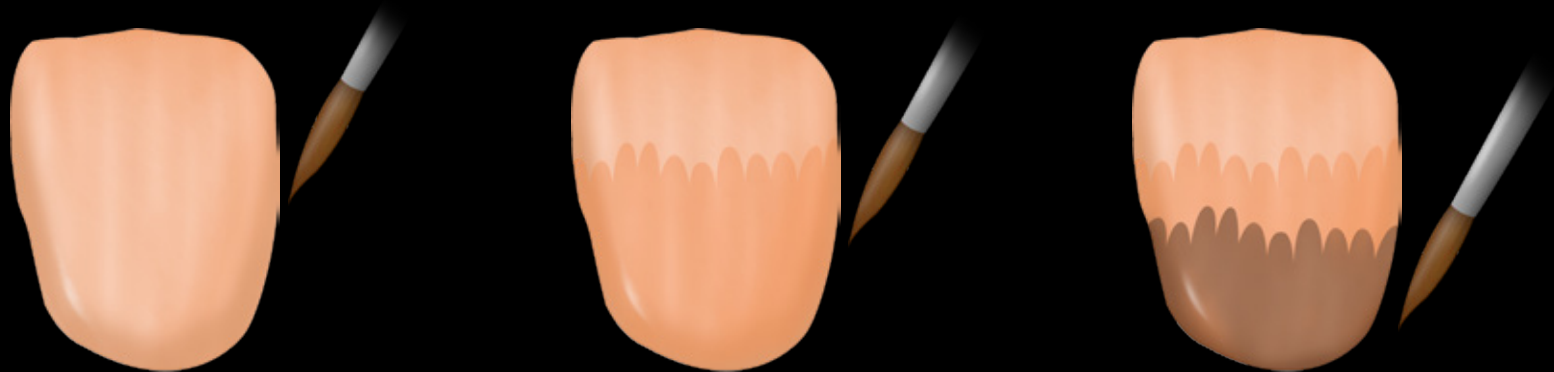
STEP 2
Cervical
Dip A3
Brushing 1 time



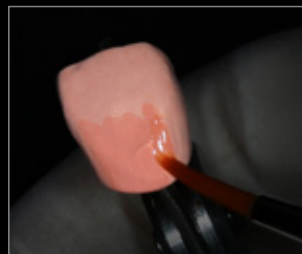
STEP 1
Middle ~ Cervical
Dip A3
Brushing 1 time



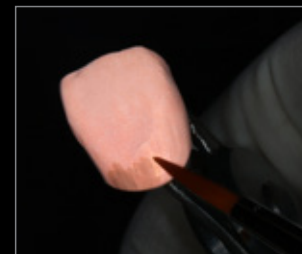
STEP 2
Cervical
Dip A3
Brushing 1 time



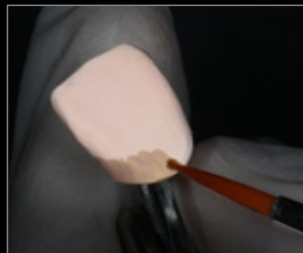
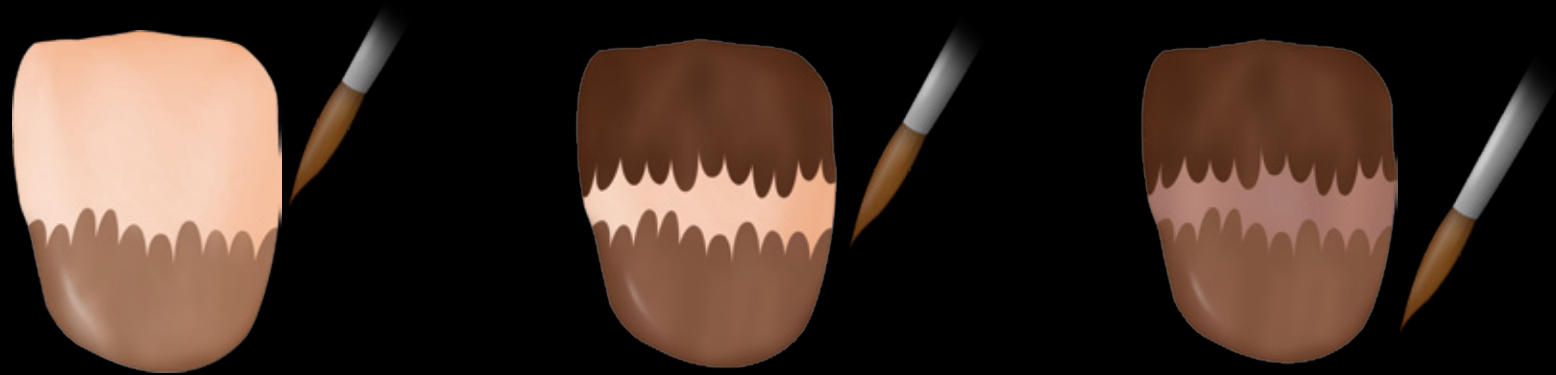
STEP 1
Incisal ~ Cervical
Dip A3
Brushing 1 time



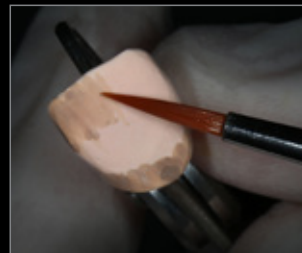
STEP 2
Middle ~ Cervical
Dip A3
Brushing 1 time



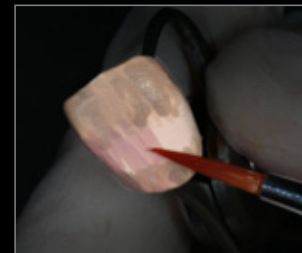
STEP 3
Cervical
Brown
Brushing 1 time



STEP 1
Cervical
D-Brown
Brushing 1 time

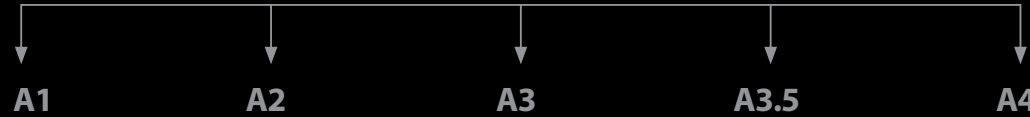


STEP 2
Incisal
Brown
Brushing 1 time



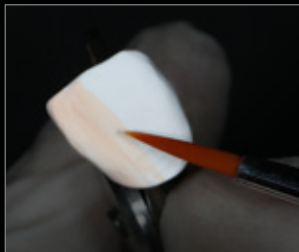
STEP 3
Middle
Brown
Brushing 1 times

Shine A1



	A1	A2	A3	A3.5	A4
Dipping (20s)		Dip A0.5	Dip A1	Dip A2	Dip A2
Cervical inner side	Orange	Brown	Brown	Brown	D-Brown
Step 1	Dip A2(x1)	Dip A3(x1)	Dip A3(x1)	Dip A3(x2)	Dip A3(x1)
Step 2	Orange(x1)	Dip A3(x1)	Brown(x1)		D-Brown(x1)
Step 3		Orange(x1)			
Sintering					

* Dark Brown = Brown x 3



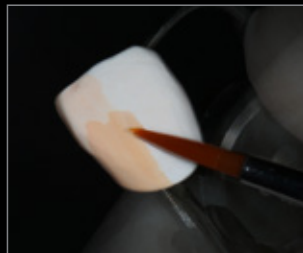
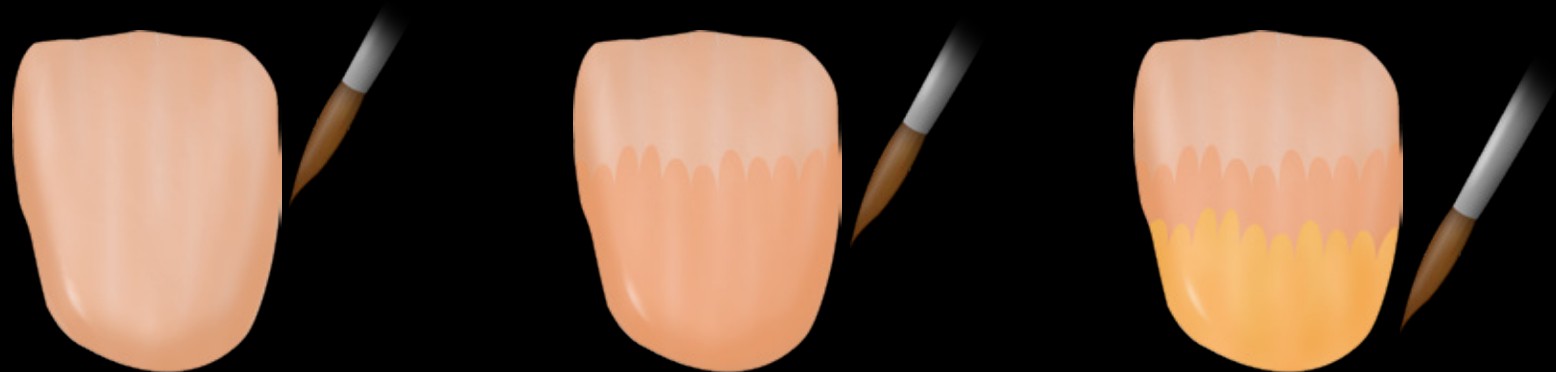
STEP 1

Incisal ~ Cervical
Dip A2
Brushing 1 time



STEP 2

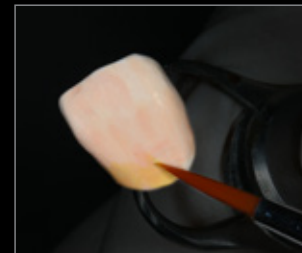
Cervical
Orange
Brushing 1 time



STEP 1
Incisal ~ Cervical
Dip A3
Brushing 1 time



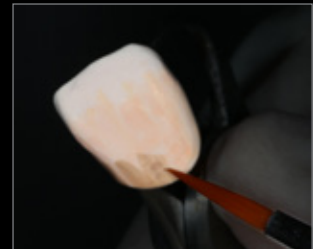
STEP 2
Middle ~ Cervical
Dip A3
Brushing 1 time



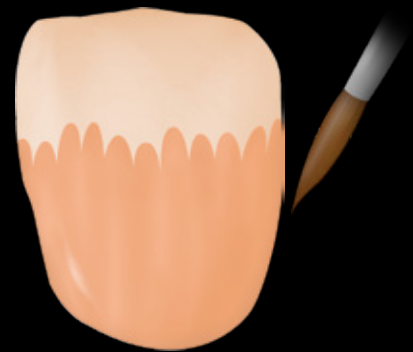
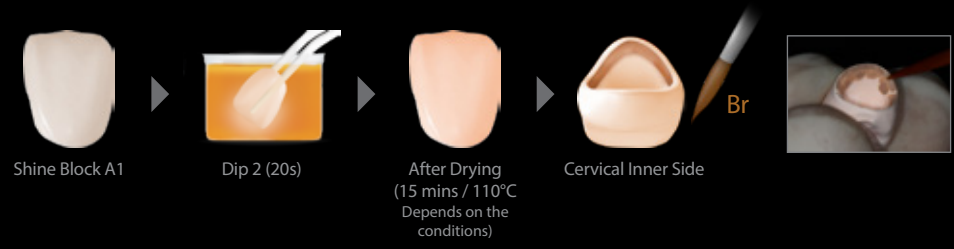
STEP 3
Cervical
Orange
Brushing 1 time



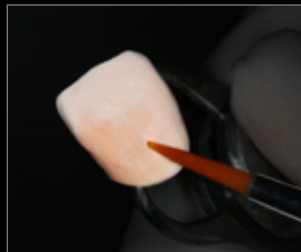
STEP 1
Middle ~ Cervical
Dip A3
Brushing 1 time



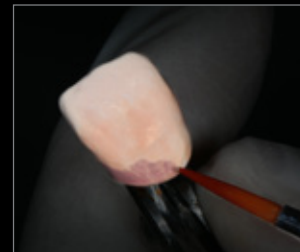
STEP 2
Cervical
Brown
Brushing 1 time



STEP 1
Middle ~ Cervical
Dip A3
Brushing 2 time

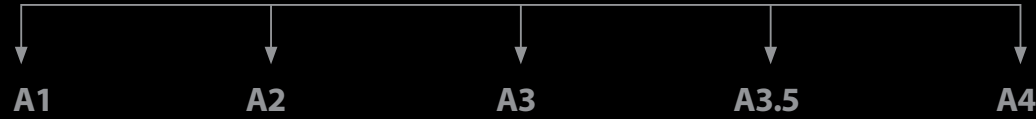


STEP 1
Middle ~ Cervical
Dip A3
Brushing 1 time



STEP 2
Cervical
D-Brown
Brushing 1 time

Shine A2



	A1	A2	A3	A3.5	A4
Dipping (20s)			Brown	D-Brown	D-Brown
Cervical inner side		Orange(x1)	Orange(x2)	Orange(x2)	D-Brown(x1)
Step 1		Brown(x1)	Brown(x1)	Brown(x1)	D-Brown(x1)
Step 2				Brown(x1)	Brown(x1)
Step 3				D-Brown(x1)	
Sintering					

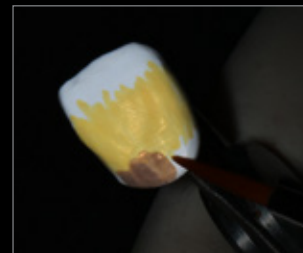
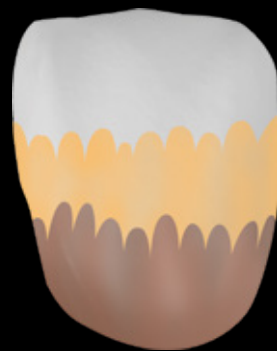
* Dark Brown = Brown x 3



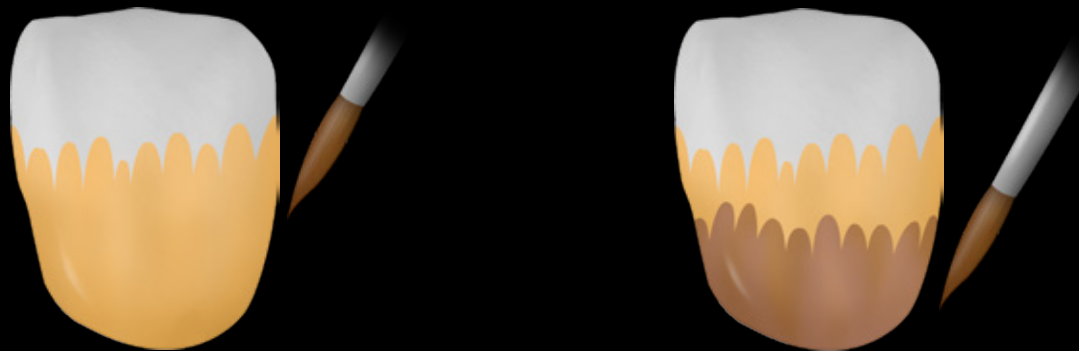
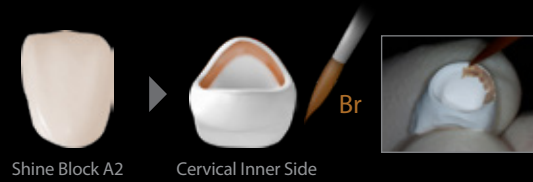
Shine Block A2



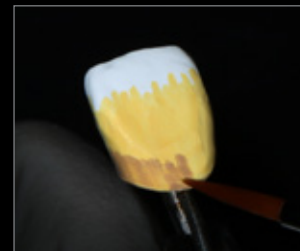
STEP 1
Middle
Orange
Brushing 1 time



STEP 2
Cervical
Brown
Brushing 1 time



STEP 1
Middle ~ Cervical
Orange
Brushing 2 times



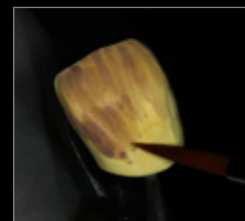
STEP 2
Cervical
Brown
Brushing 1 time



STEP 1
 Incisal ~ Cervical
 Orange
 Brushing 2 times



STEP 2
 Incisal ~ Middle
 Brown
 Brushing 1 time



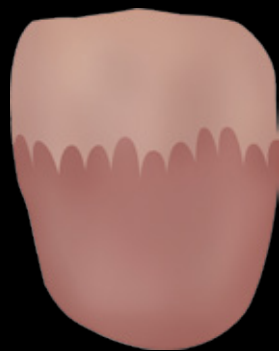
STEP 3
 Middle
 Brown
 Brushing 1 time



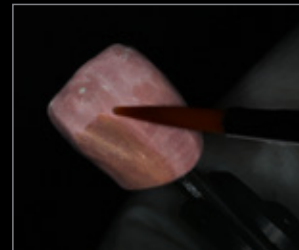
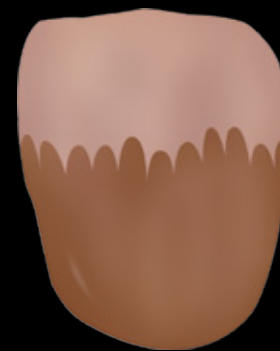
STEP 4
 Cervical
 D-Brown
 Brushing 1 time



STEP 1
Incisal I ~ Cervical
D-Brown
Brushing 1 time



STEP 2
Middle ~ Cervical
D-Brown
Brushing 1 time



STEP 3
Middle ~ Cervical
Brown
Brushing 1 time

Shade 0.5



Shade A0.5

Shade 2

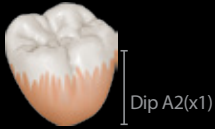














A2

A3

A3.5

A4

	Shade A0.5	A2	A3	A3.5	A4
Step 1	 Dip A2(x1)		 Dip A2(x1)	 Dip A3(x1)	 Dip A2(x1)
Step 2	 Dip A2(x1)			 Dip A3(x1)	 Dip A3(x2)
Step 3					 D-Brown(x1)
Sintering					

* Dark Brown = Brown x 3

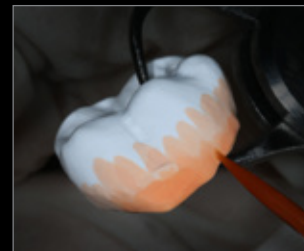
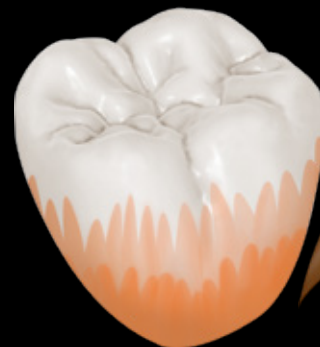


Shade Block A0.5



STEP 1

Middle ~ Cervical
Dip A2
Brushing 1 time

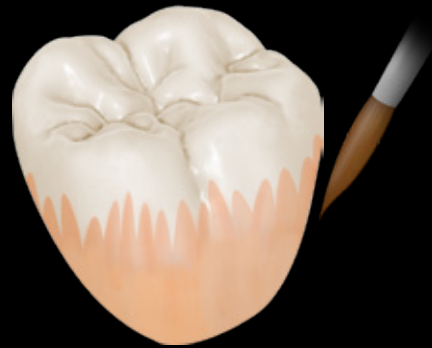


STEP 2

Cervical
Dip A2
Brushing 1 time



Shade Block A2



STEP 1

Middle ~ Cervical
Dip A2
Brushing 1 time



Shade Block A2



STEP 1

Middle ~ Cervical
Dip A3
Brushing 1 times



STEP 2

Cervical
Dip A3
Brushing 1 time



Shade Block A2



STEP 1

Occlusal
Dip A2
Brushing 1 time




















STEP 2

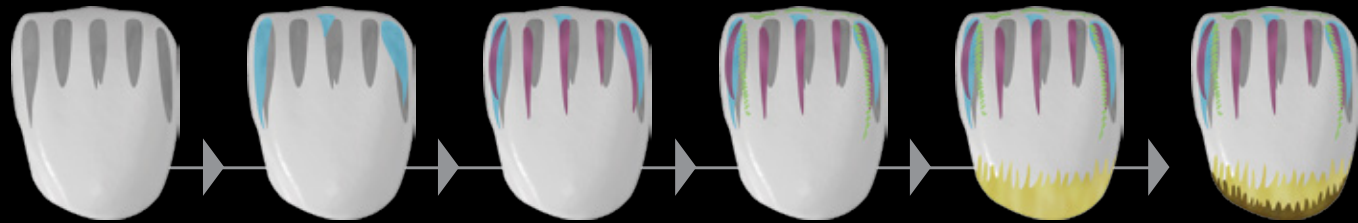
Middle
Dip A3
Brushing 2 times



STEP 3





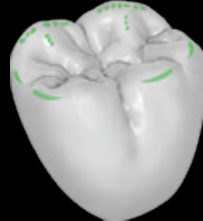
Cervical
D-Brown
Brushing 1 times

Type	Color	Art. No.		
Bottle	11	 Brushing Liquid-B	 Brushing Liquid-O	 Brushing Liquid-W
		 Brushing Liquid-G	 Brushing Liquid-P	 Brushing Liquid-V
		 Brushing Liquid-BL	 Brushing Liquid-DG	 Brushing Liquid-DB
		 Brushing Liquid-GV	 Brushing Liquid-WO	
Pen	6	 Brushing Pen-B	 Brushing Pen-O	 Brushing Pen-W
		 Brushing Pen-G	 Brushing Pen-P	 Brushing Pen-V



	Gray	Blue	Violet	White	Orange	Brown
	Incisal 1/3 ridge	Incisal 1/3 translucent	Incisal 1/3	Marginal ridge white spot	Cervical 1/3	Cervical
						



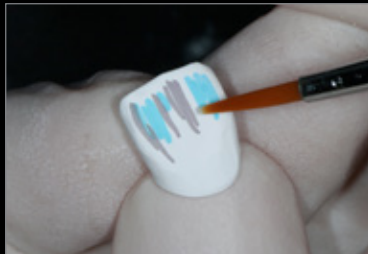
	Orange	Brown	Gray	Violet	White
	Groove	Cervical	Cusp, Marginal ridge	Cusp	Cusp tip, Ridge crest
					

Incisal 1/3 ridge



Solution type brush

Incisal 1/3 translucent



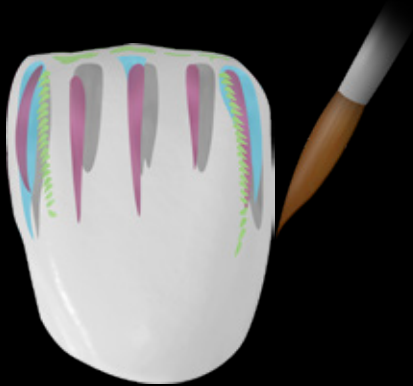
Solution type brush

Incisal 1/3

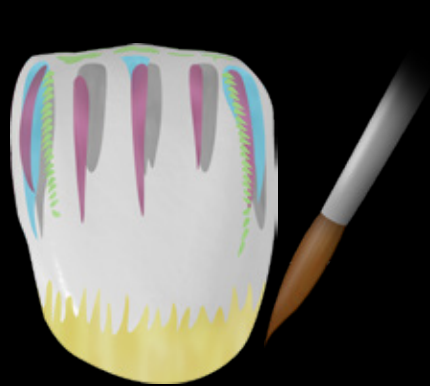


Solution type brush

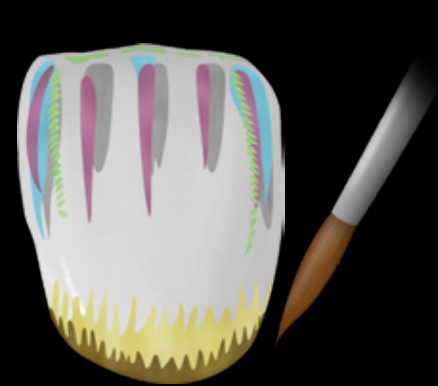
Marginal ridge white spot



Cervical 1/3



Cervical



Solution type brush

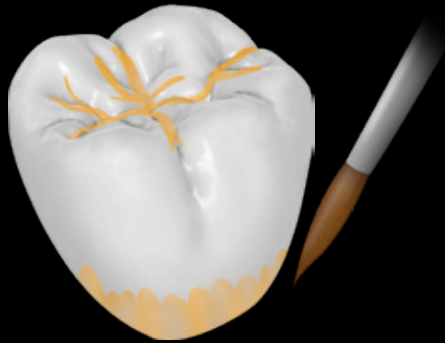


Solution type brush

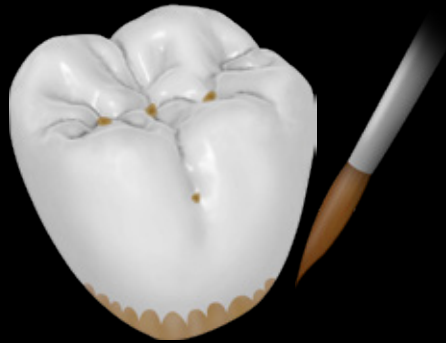


Solution type brush

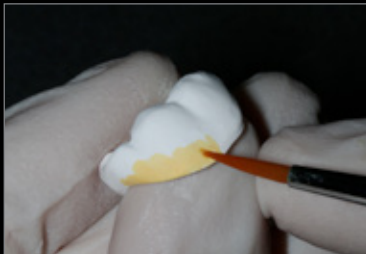
Groove - Orange



Cervical - Brown



Cusp, Marginal ridge - Grey



Solution type brush

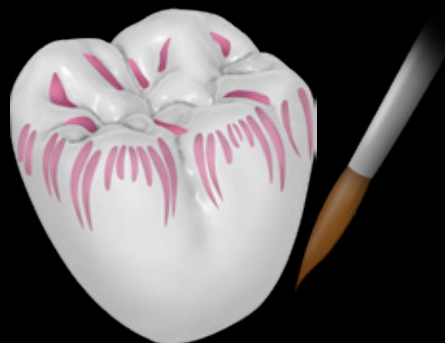


Solution type brush

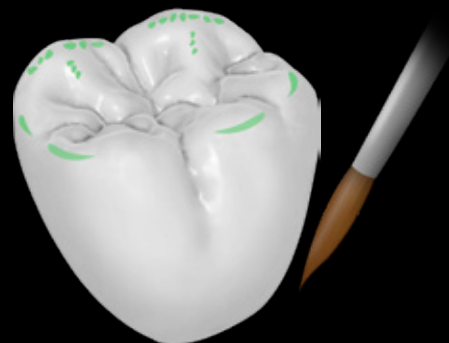


Solution type brush

Cusp - Violet



Cusp tip, Ridge crest - White

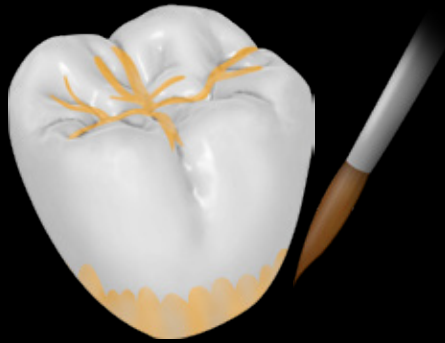


Solution type brush

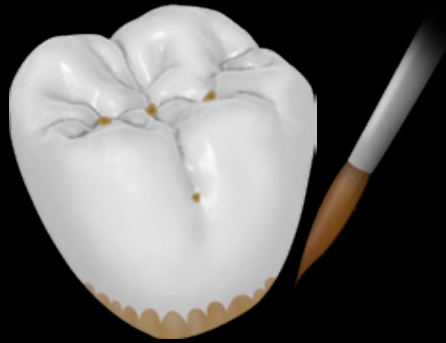


Solution type brush

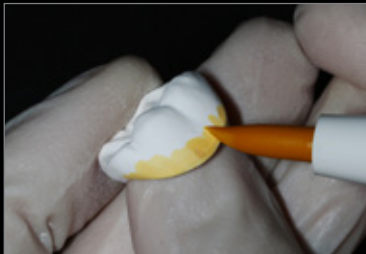
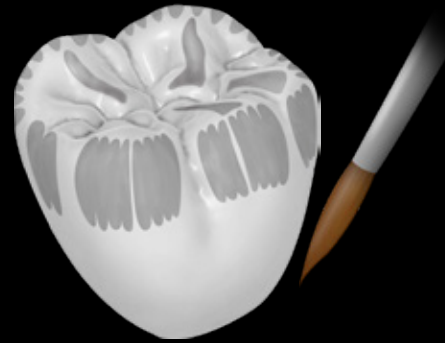
Groove - Orange



Cervical - Brown



Cusp, Marginal ridge - Grey



Pen type



Pen type

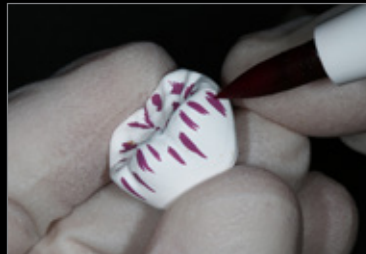
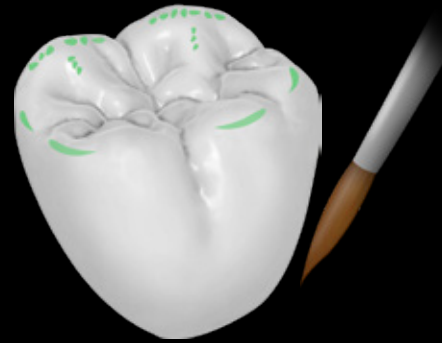


Pen type

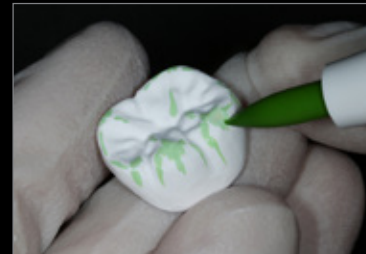
Cusp - Violet



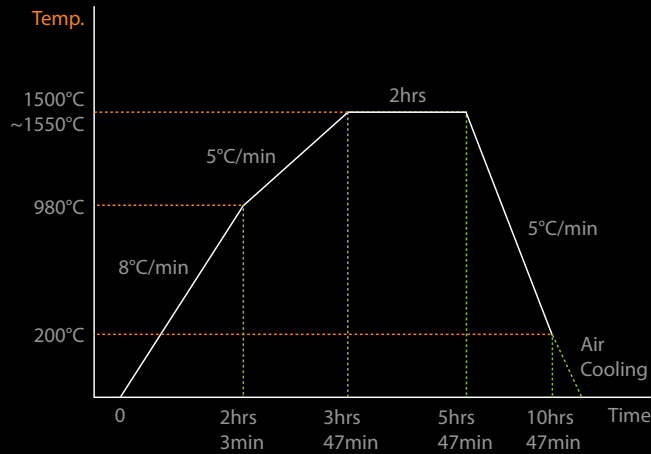
Cusp tip, Ridge crest - White



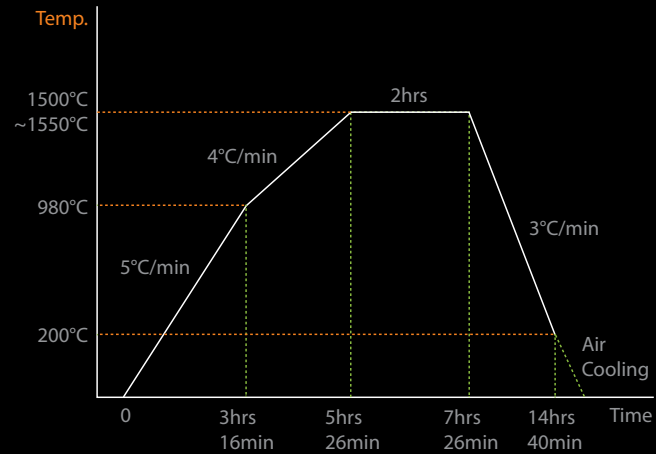
Pen type



Pen type



Standard (< 5 unit bridge)



Long bridge (≥ 5 unit bridge)

* This sintering schedules apply all kinds of rainbow™ blocks.

Dip A3 : dipping solution Dip A3, Brown : Brushing Liquid-B

- Clean the remaining liquid and dry the crown downward itself.

- To achieve exact color, brush the crown after dry until 90°C in the sintering machine.

Dentium

For Dentists By Dentists

rainbow™ Lab System
Block Coloring Guide

Dentium
For Dentists By Dentists

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