

## [Color use skills]

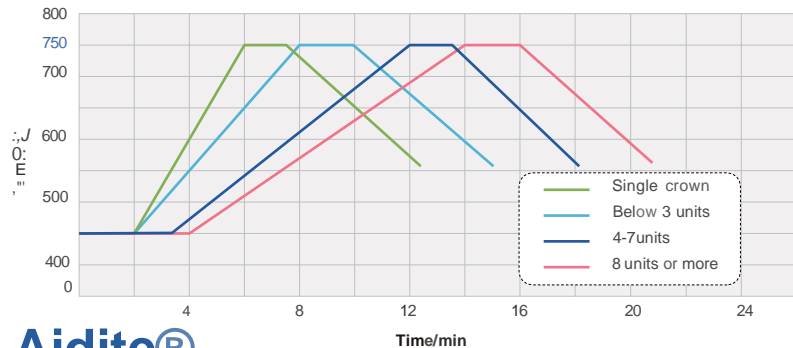
White: when the background color is darker, the color will be reduced, and the special effect color (white spots, horizontal lines, etc.) improve the brightness.	Yellow: B series, L series, M series, brightening.
White C: special effect color (bleaching, white spots, cracks), and improve brightness.	Pink: warm and red color (A series, R series), when the crown is green, the gum color
Brown: Fossa color, dark reddish brown (A3.5, A4, SM series, 4R series, 4M series).	Blue: incisal color, increase transparency, increase cool color and reduce brightness.
Black: special effect color, reduce lightness, and enhance transparency of incisal.	Purple gray: incisal color, reduce the brightness, and add gray (C series, etc.)
terracotta: deepen the cervical and occlusal surface	Orange 1: versatile color, special effect color (milky glow)
Orange 2: add warm color, special effect color (developing leaves)	

## [Sintering curve]

	Temperature at start (°C)	Drying time i	Heat rate (°C/min)	Sintering temperature (°C)	Holding time i	Slow cooling i	Temperature taken out (°C)
First sintering	450	2	50	750	2		500
Second sintering	450	2	50	740	2		500
Fast sintering	450	2	99	750	2		500
Zirconia LongBridgeSintering(4-7units)	450	3	40	750	2		300
Zirconia LongBridgeSintering (8units or more)	450	4	30	750	2		300

Please note when sintering the long bridge restoration:

1. Reduce the heating rate appropriately to improve the sintering quality.
2. Extending the holding time can compensate for poor heat conduction of zirconia.
3. Extend the cooling time to avoid stress cracks caused by rapid cooling of zirconia.
4. The maximum sintering temperature can be 720-780 °C. The operator can adjust the temperature according to the brightness effect he needs.



**Aidite®**

## [Color and application]

The color of printed matter is for reference only, and the color of a real object shall prevail.

A Shade									
B Shade									
C Shade									
D Shade									
Orange 1									
Orange 2									
Yellow									
Pink									
Blue 1									
Blue 2									
Purple gray									
Black									
White									
White C									
Terracotta									
Brown									

## [Product introduction]

In order to meet the trend of today's digital transformation and help customers achieve the minimal all-ceramic aesthetic restoration, Aidite has launched a new type of external dye paste specially developed for CAD/CAM zirconia restorations, which aims to enable external dye technicians to quickly and easily produce restorations that imitate the aesthetic effect of natural teeth.

## [Indication]

It can be used for staining and glazing of ceramic materials such as full contour crowns, porcelain crowns, glass-ceramics, etc.



Porcelain crown



Glass-ceramic



Full contour crown

## [Staining operation]

### 1 Standardized staining operation:

1. The crown part is painted with transparent glaze as a whole.
2. The cervical is painted with the main colors such as A shade.
3. Use blue to create transparency on incisal 1/3.
4. Sintered according to the suggested sintering curve.

### 2 Personalized staining operation:

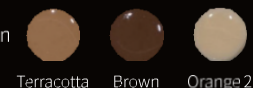
1. The crown part is painted with transparent glaze as a whole.
2. The cervical is painted with the main colors (such as A shade), terracotta and a little brown.
3. Use orange 2 on the upper 1/3 of the incisal edge to build mamelon finger structure.
4. Blue 1, blue 2 or a small amount of black shall be used for 1/3 of the incisal to enhance the transparency.
5. Use orange 1 at the incisal edge to create the halo effect.
6. Sintered according to the suggested sintering curve.

## [Color operation concept]

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### High Saturation



### Hue



### Cold area



Crack line, calcifications, white spots, white band, proximal stain, gum illusion, halo effect

