

BAOT Stain & Glaze

Product Manual

M A K E I T S I M P L E & E S T H E T I C

BAOT[®]

Aurora



Why choose BAOT Aurora Stain System?

Easy to Use

BAOT stain paste offers an easy and user-friendly solution. By adhering to BAOT's recommended schematics, technicians can effortlessly attain optimal aesthetic results.

Premium Aesthetic

BAOT stain paste has a strict ratio. Each color is experimentally formulated to strive to achieve natural and lifelike results, such as incisal translucency, crack lines, mamelons, etc.





AURORA KIT



With BAOT stain paste, you can achieve highly aesthetic results easier and faster than ever.
BAOT system consists of 18 Stains and 5 Structure materials with varying opacity and fluorescent effects.

AURORA

STAIN / STRUCTURE / GLAZE

Each color of the BAOT Aurora stain paste is developed based on the characteristics of natural teeth, such as the fluorescence and transparency of teeth, tooth fissures, etc. What you see is what you get in color, there is no difference before and after sintering, and it has strong wear resistance.

The paste has a moderate consistency and is easy to use. It can help technicians use staining techniques to obtain aesthetic and natural restoration results simply and quickly in a short time.

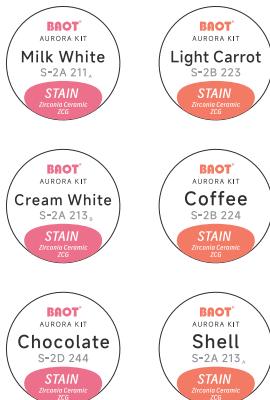


PRODUCT LIST

High Translucency



Opaque Color



Structure



Semi-translucency

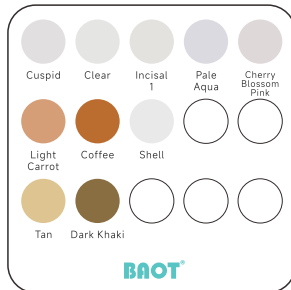
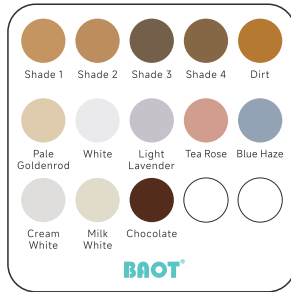


Glaze





PRODUCT LIST



Aurora Shade Matcher



#0 Aurora Bursh



#2 Aurora Bursh



Glaze Liquid



Structure Liquid



COLOR DISPLAY

Stain



Shade 1



Shade 2



Shade 3



Shade 4



Dirt



Pale
Goldenrod



White



Light
Lavender



Tea Rose



Blue Haze



Dark Khaki



Tan



Chocolate



Light Carrot



Coffee



Cream
White



Milk White



Shell

Structure



Cuspid



Clear



Incisal 1



Pale Aqua



Cherry
Blossom Pink



PHYSICAL DATA

	Standard	Specification	Values
Coefficient of thermal expansion (25-475°C)[$\cdot 10^{-6} \cdot K^{-1} \pm 0.5$]	EN ISO 6872	9.5	9.5
Transformation temperature Tg [°C ± 20]	EN ISO 6872	495	495
Bending strength [MPa]	EN ISO 6872	≥ 50	140-150
Solubility [$\mu g/cm^2$]	EN ISO 6872	< 100	20-30



FIRING CHART

Stain / Structure / Gingiva

Drying temp.	400°C
Drying time	3 mins
Heating time	4 mins
Heating rate	45°C/min
Firing temp.	745°C
Holding time	1 min
Cooling time	4 mins
Cooling temp.	400°C

Glaze

Drying temp.	400°C
Drying time	3 mins
Heating time	4 mins
Heating rate	45°C/min
Firing temp.	725°C
Holding time	1 min
Cooling time	4 mins
Cooling temp.	400°C

*Please note before firing

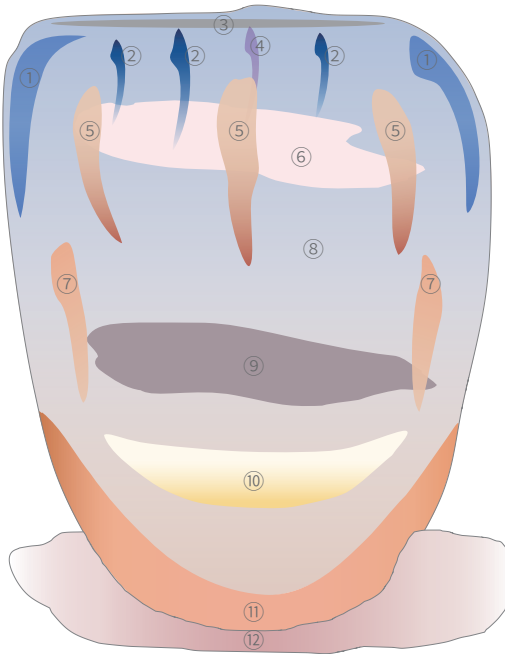
1.If needed, Stain/Structure/Gingiva and Glaze can be fired together in one program at 745 °C.

2.The above parameters are tailored for zirconia. For glass ceramics, adjust the firing temperature to 730 °C for Stain/Structure/Gingiva and 710 °C for Glaze.

3.Firing parameters may vary depending on the furnace types. It's recommended to test before production.



COLOR CONCEPT



- ① ② Stain-Blue Haze
- ③ Stain-Dark Khaki / stain-Tan
- ④ Stain-Light Lavender
- ⑤ Stain-Light Carrot / stain-Shell / stain-Coffee
- ⑥ Stain-Tea Rose
- ⑦ ⑩ Stain-White, Stain-Shell
- ⑧ Shade 1/2/3/4
- ⑨ Stain-Pale Goldenrod
- ⑪ Stain-Coffee, Stain-Dirt
- ⑫ Gingiva-Stains & Structure



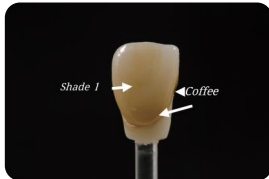
STANDARDIZED STAINING PROCESS



01 Use steam to clean the surface of zirconia restorations.



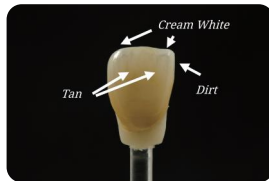
02 Apply a layer of Glaze on the surface, apply Shade 1 on the neck of the restoration, and fade it toward the incisal.



03 Use Shade 1 and Coffee to enhance a sense of hierarchy.



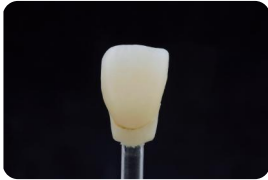
- 04** Apply Blue Haze on both sides of the top 1/3 of the incisal, and use Light Lavander in the middle to create transparency.



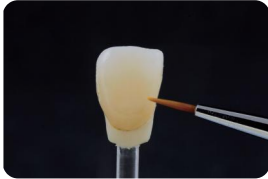
- 05** Apply Cream White on the incisal edge to create a halo effect. Tan and Dirt are used to enhance texture and layering. And finally sintering.



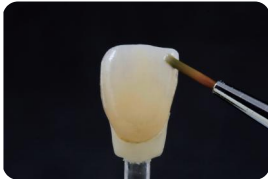
PERSONALIZED STAINING PROCESS



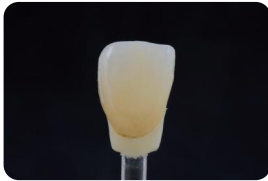
01 Use steam to clean the surface of zirconia restorations.



02 Apply shade 1 on the cervical and middle third fading towards the incisal.



03 Apply the incisal and proximal third of Light Lavender.



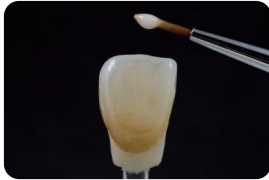
04 Apply Dirt to the proximal area.



05 Enhance the cervical area with Coffee.



06 Apply Tan to build mamelons and Blue Haze to define them.
Sintered to keep pigments in position.



- 07** Apply White and Light Carrot in incisal areas that overlap the previous stain to achieve depth.



- 08** Polish it if needed.



- 09** Before and after.



Aurora Stain/Structure/Glaze Product List

Stain

Shade 1	5g
Shade 2	5g
Shade 3	5g
Shade 4	5g
Dirt	5g
Pale Goldenrod	5g
White	5g
Light Lavender	5g
Tea Rose	5g
Blue Haze	5g
Cream White	5g
Milk White	5g

Chocolate	5g
Light Carrot	5g
Coffee	5g
Shell	5g
Dark Khaki	5g
Tan	5g

Structure

Cuspid	5g
Clear	5g
Incisal 1	5g
Pale Aqua	5g
Cherry Blossom Pink	5g

Glaze

Glaze(Fluo)	5g
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Liquid

Glaze Liquid	25ml
Structure Liquid	25ml

Accessory

#0 Aurora Brush	1 branch
#2 Aurora Brush	1 branch
Aurora 13 Shade Matcher	1 slice
Aurora 10 Shade Matcher	1 slice

NOTES

1. Please stir the paste to make sure that the paste and suspension are fully mixed before staining.
2. It is not recommended to add the liquid directly into the paste bottle.
3. The paste must not come into contact with water.
4. Always use a clean, dry brush.
5. Please carefully check the purity and cleanliness of the brush or spatula as any external contamination will adversely affect the final result.
6. The sintering parameters provided in this manual are only reference values.
7. Structure contains porcelain, which will increase a little thickness after sintering and can be used to increase the occlusal contact area, adjacent surface and incisal length.
8. It is not recommended to add liquid directly to the paste and stir, it is recommended to mix it on a palette. Please make sure the paste is thoroughly mixed to the right consistency.

***Storage conditions** Dry storage at +12°C to +38°C





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