

BAOT Stain Paste

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.





COLOR DISPLAY

High Translucency



Opaque Color



Structure



Semi-translucency

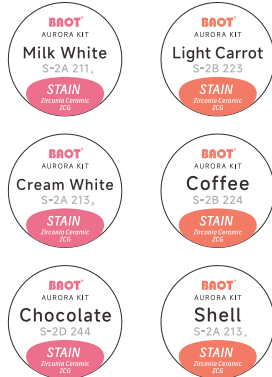


PRODUCT LIST

High Translucency



Opaque Color



Structure



Semi-translucency

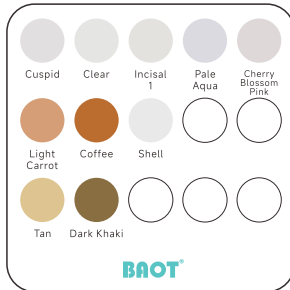
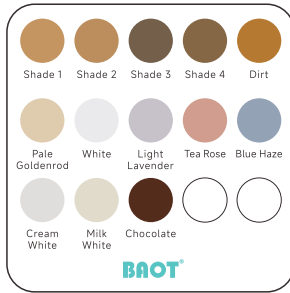


Glaze





PRODUCT LIST



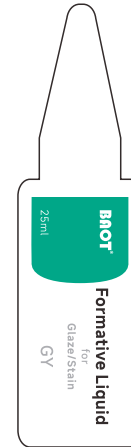
Aurora Shade Matcher



#0 Aurora Bursh



#2 Aurora Bursh



Glaze Liquid(Flou)



Structure Liquid

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 [$\mu\text{g}/\text{cm}^2$]	EN ISO 6872	< 100	20-30

FIRING CHART

• Stain Sintering Temperature

	Start temperature	Dry-on time	Closing time	Heating rate	Vacuum start	Final temperature (Vacuum end)	Holding time (Without vacuum)
1-3units	400°C	8-12min	3min	45°C/min	550°C	730°C	1min
6-full arch	400°C	8-12min	3min	45°C/min	550°C	730°C	2-2.3min

• Structure Sintering Temperature

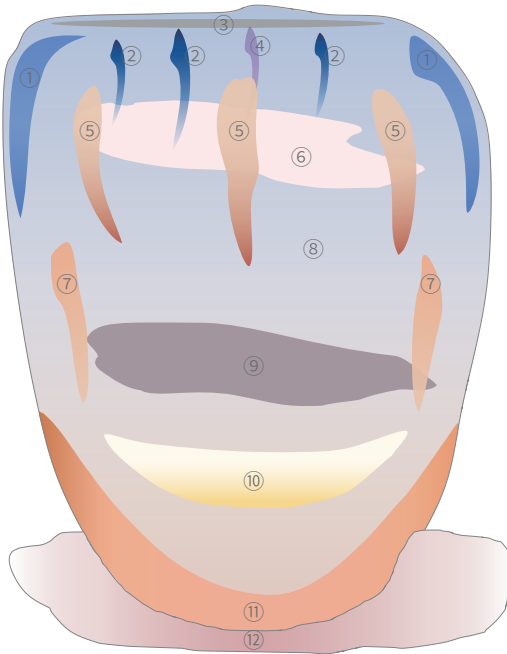
	Start temperature	Dry-on time	Closing time	Heating rate	Vacuum start	Final temperature (Vacuum end)	Holding time (Without vacuum)
1-3units	400°C	8-12min	3min	45°C/min	550°C	760°C	1min
6-full arch	400°C	8-12min	3min	45°C/min	550°C	760°C	2-2.3min

*Please note before firing

- 1.Our recommendation for firing temperature is based on numerous tests.
- 2.The firing parameters may vary depending on different types of furnaces.
- 3.It is 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



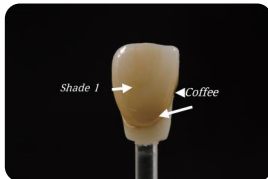
STANDARDIZED STAINING PROCESS



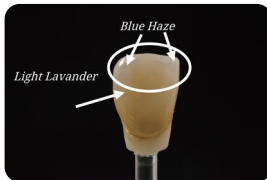
01 Use steam to clean the surface of zirconia restorations.



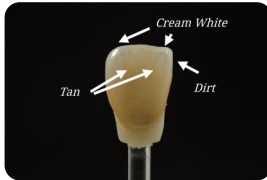
02 Apply a layer of Glaze on the surface, apply Shade 1 on the neck of the restoration, and fade it toward the incisal.



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



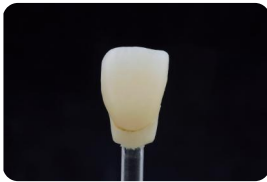
04 Apply Blue Haze on both sides of the top 1/3 of the incisal, and use Light Lavender in the middle to create transparency.



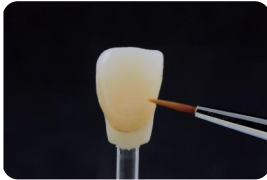
05 Apply Cream White on the incisal edge to create a halo effect. Tan and Dirt are used to enhance texture and layering. And finally sintering.



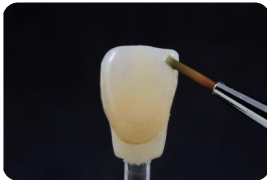
PERSONALIZED STAINING PROCESS



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.



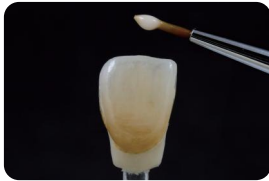
04 Apply Dirt to the proximal area.



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

Chocolate	4g
Light Carrot	4g
Coffee	4g
Shell	4g
Dark Khaki	4g
Tan	4g

Structure

Cuspid	4g
Clear	4g
Incisal 1	4g
Pale Aqua	4g
Cherry Blossom Pink	4g

Glaze

Glaze	4g
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Liquid

Glaze Liquid(Flou)	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

