



Biomic[™] LiSi Connect

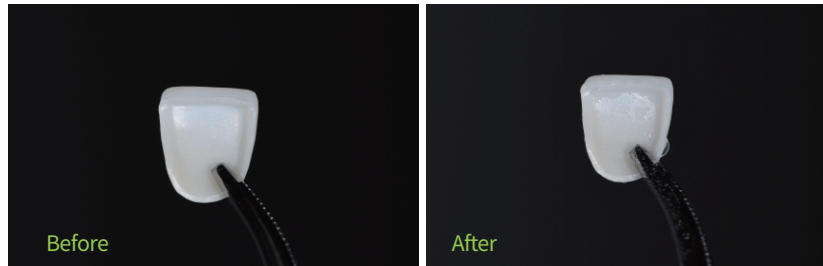
Zirconia bonding pretreatment agent

Instruction



Step 1 Cleaning

Use steam to clean the area on one side of the bonding surface of the restoration.



Notes:

Be sure to use steam cleaning to ensure that the bonding surface of the restoration is completely clean.

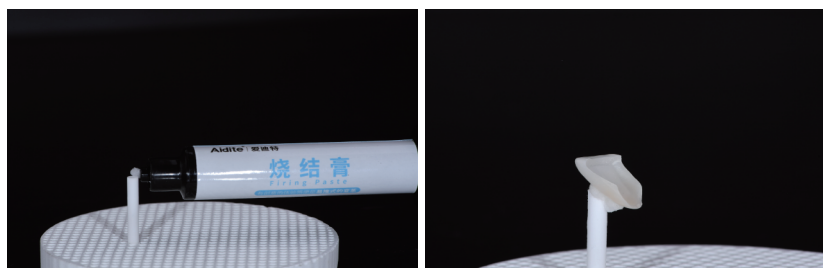
Step 2 Drying

Use an air gun to blow off the water on the bonding surface or use other tools to completely dry it.



Step 3 Fixing

Using the firing paste on the sintering nail or on the non-bonding surface of the restoration to fix the restoration on the sintering plate.



Notes:

It must be completely fixed, and the angle of inclination on the sintering nail should not be too large to prevent it from falling during sintering. It can also be directly fixed on the sintering plate.

Step 4 Spraying Biomic LiSi connect

Shake the LiSi connect evenly and spray it to the bonding surface of veneer. Keep 10-15cm spray distance and spray for 1-2 times.

*Spray distance: 10-15cm

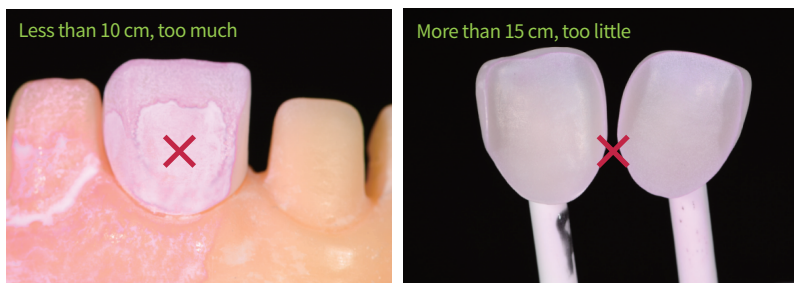
*Spray method: move and sweep in one direction

*Number of spraying: 1-2 times



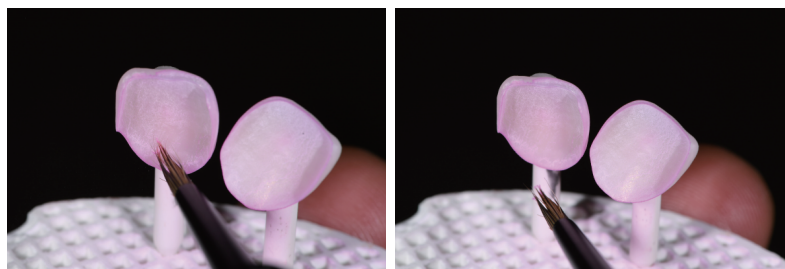
Notes:

Shake repeatedly before use to ensure that the materials in the bottle are fully mixed.



Notes:

If only a small part of the area (edge area) is sprayed too much, can use a clean and dry brush to remove the excess.



Step 5 Baking

Fast Sintering for single unit

Starting temperature (°C)	Drying time (min)	Heating rate (°C/min)	Vacuum starting temperature (°C)	Vacuum final temperature (°C)	Maximum temperature (°C)	Holding time (min)	Final temperature (°C)
450	1	80	450	895	895	1.5	700

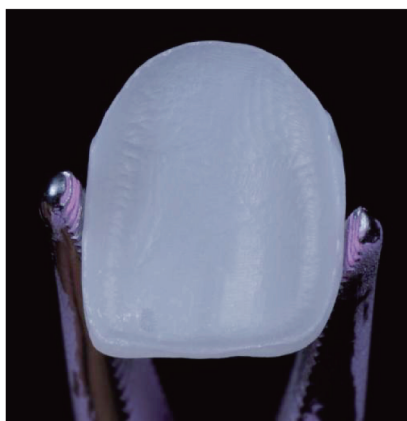
Common Baking

Starting temperature (°C)	Drying time (min)	Heating rate (°C/min)	Vacuum starting temperature (°C)	Vacuum final temperature (°C)	Maximum temperature (°C)	Holding time (min)	Final temperature (°C)
450	1	55	450	895	895	1.5	700

Remarks:

1. Continuous vacuuming is required at the highest temperature holding stage.
2. After baking, the surface should be flat and smooth (similar to a glass surface); If the surface is rough, final temperature can be raised by 5-10 °C and placed in the furnace for secondary Baking (the raised temperature needs to be adjusted according to the actual situation of the furnace)

Comparison of effects after baking:



Before spraying (left)



After spraying (middle)



After baking (right)

Notes:

- If the restoration needs to be sprayed with LiSi connect on the tissue surface and glazed on the non-organic surface, please follow the following principles:
The baking temperature of the glaze paste used should be lower than that of LiSi connect, please complete the baking of LiSi connect first, and then carry out glazing baking.

Step 6 Clinical bonding

1. Use 4.5% HF to etch for 90-120s during acid etching, or use 9.5% HF to etch for 45-60s.
2. Use a resin-based adhesive to complete the bonding of the restoration, also the use of pure light-type resin adhesive can prevent the restoration from darkening.

Aidite

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