2.60.10-FM DFU089

BencoDental

Benco Dental™ Fix Firing Paste

A non-sticky, asbestos free, high heat 2300°F refractory investment material.

USES:

- Create custom pegs
- Supports all-ceramic restorations after devesting
- Repair holes in copings
- Soldering gold crowns
- Degas, opaque, body fire and glaze ceramic

ADVANTAGES

- Eliminates crowns from rocking or falling off pegs
- Withstands maximum firing temperatures
- Helps positions fragile porcelain margins away from firing peg
- Avoid the need of hemostats
- Comes in convenient syringe form for easy application
- Over 60 applications per syringe

DIRECTIONS AND USES

Can be used to create custom refractory supports, as an instant repair investment, or as a heat shield.

I. Custom Refractory Supports – work holders /custom trays / firing pegs

Create custom refractory supports for repair and refining of your porcelain laminates, on all ceramic crowns, pressable crowns, inlays, onlays, and other restorations.

1. Simply squirt inside your crowns and under your porcelain laminate.
2. Create a small square base on your tray that is free from voids. (This will prevent material pulling away from margin).
3. Place your laminate or crown on top of the prepared base.
4. Place in oven that has ben set for a 5 minute dry time and a 3 minute preheat. After this 8 minute drying/ preheat cycle, continue with firing cycle of restoration. Material will have a snow white color and a soft yet firm texture once firing is complete.
5. Devest with an instrument and sandblast if necessary.

II. **Instant Repair Investment**

Use for repairs and add-ons to metal copings and gold crowns.

1. Squirt or insert inside of metal coping or crown
2. Create a small square base on your tray that is free of voids. (This will prevent material pulling away from margin.)
3. Place your metal coping or gold crown (restoration on top of the prepared base. Place in burn out oven 800°F for approximately 15 minutes or until material has firmed up. (Material will not harden to the degree of most soldering investments. It will have a soft yet firm texture). Remove from oven.
4. Proceed with repairs and add-ons.
5. Devest with an instrument and sandblast if necessary.

III. Heat Shield

Protects up to 2300°F. Apply material to shield areas where direct flame, heat or solder is not desired. The coating acts as a thermal insulator with resistance to thermal shock and chemical attack. Prevents oxidation and reduction.

Storage

To increase shelf life of your unused material, place syringes in a refrigerator until ready to use. Always replace cap on syringe after each use.