

## 1 Preparation of the Impression

Before any preparation is done (stump or bridge preparation, tooth extraction), take a situation impression using alginate or silicone. Interdental ridges should be excised to increase the amount of material later available for finishing (Fig. 1). If there is a gap between molars, a connecting bar between prepared teeth is created by cutting a groove between the abutment teeth in the impression. Alginate impressions should be kept at 100% relative humidity until filling with **C&B Prompt™**.



Fig. 1

## 3 Mixing and Application

**C&B Prompt™** base material and catalyst are automatically mixed in the correct proportion when extruding by dispensing gun. Before beginning work with the Automix dispensing gun, always extrude a small (pea-sized) amount and discard (Fig. 5). Apply **C&B Prompt™** to deepest parts of impression first and evenly fill impression up to gingival level (Fig. 6).

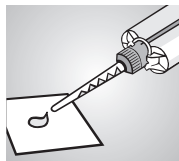


Fig. 5

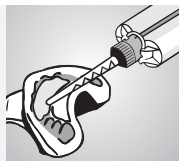


Fig. 6

## 2 Use of the Dispensing Gun

Cartridge material is extruded using the Automix-System dispensing gun (Fig. 2). After inserting cartridge into dispensing gun, unscrew cap and carefully extrude a small amount of material to insure proper flow from both outlets (Fig. 3). Attach mixing tip by aligning notched side to cartridge and turning clockwise until fastened (Fig. 4). Dispenser now ready to mix silicone in any amount needed. Leave mixing cannula on cartridge after use. Use only blue **C&B Prompt™** 10:1 blue mixing cannulas!

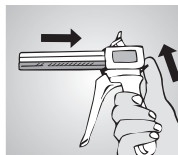


Fig. 2

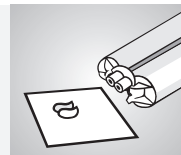


Fig. 3



Fig. 4

## 4 Intra-oral Modeling of the Temporary

Seat filled impression onto prepared teeth and remove any excess material with a plastic tool. **C&B Prompt™** will attain a hard-elastic consistency after 2 - 3 min. After extrusion, at which time temporary and impression can be removed from mouth. Be sure to closely follow the progress of polymerization, as removal is only possible while material is still elastic (Fig. 7).

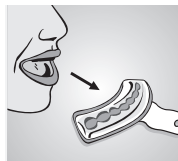


Fig. 7

## 5 Hardening and Finishing

Remove temporary from impression and remove excess material and proximal undercuts. After 6 - 7 min., material is completely cured and hard enough to be trimmed and polished with finishing burs. Contact with oxygen creates an inhibition layer on the temporary, which should be removed using ethyl or isopropyl alcohol.

## 7 Repairing and Making Minor Corrections

Repairs or reinforcement can be performed by means of **OptiFlow™ II**. Thoroughly clean and dry the provisional. Roughen area to be treated and be sure to remove any residual dust from grinding. Apply **PacBond™** evenly using micro applicator and distribute with circular movements. Use air syringe to spread **PacBond™** layer evenly; let dry for 1 min. Apply **OptiFlow™ II** and expose all treated areas to LED light for at least 40 sec. Finish curing process by exposing all areas to light for additional 30 sec. Repaired areas can then be trimmed and polished.

## 6 Fastening the Temporary

**C&B Prompt™** temporaries can be fastened using commercially available temporary dental cements. Please note that any residues of eugenol containing cements must be completely eliminated after removal of the temporary from the mouth, as they may interfere with the setting process if composite-type cements are used for subsequent attachment.

## i Important Hints

- To ensure a homogeneous mixing: Prior to insert the mixing cannula, **always** eject a small amount of material to ensure extruding **equal amounts** of base and catalyst from both orifices (Fig. 3).
- Some ingredients of **C&B Prompt™** may cause allergic reactions of sensitive patients. If such reactions are experienced, discontinue the use of the product. Avoid contact with skin and eyes. In the event of accidental contact, rinse with plenty of running water, and consult an specialist if necessary.
- For use by trained specialist.

## Technical Data

- Dosage and application time: approx. 45 sec.\*
- Setting time in the mouth: approx. 2 - 3 min.\* (hard-elastic phase, from beginning of mixing)
- Setting time: approx. 6 - 7 min.\* (until setting is completed)
- Application: At 23 °C ± 2 °C / 73 °F ± 3.6 °F

■ Storage:  $2^{\circ}\text{C}$  /  $36^{\circ}\text{F}$    $25^{\circ}\text{C}$  /  $77^{\circ}\text{F}$

\*At 23 °C: Increased temperatures accelerate, decreased temperatures prolong these times.

- Mixed volume: 50 ml (cartridges)  
Mixing ratio: 10:1  
Product colors: A1 / B1 / A2 / A3 (as indicated on package).

## Indications for Use

- Construction of crown and bridge temporaries
- Short and long-term temporaries

## Physical Properties

- Compressive strength: > 250 MPa
- Flexural strength: > 80 MPa
- Diametral tensile strength: > 40 MPa
- Barcol hardness: > 37
- Water uptake: 0.9% (w/w)
- Maximal temperature reached during setting: < 40 °C / 104 °F

## Ordering Information

- PD-123 Shade: A1/B1
- PD-124 Shade: A2
- PD-125 Shade: A3
- PD-211-25 Blue mixing tips refill, 25 per bag
- PD-211-50 Blue mixing tips refill, 50 per bag
- PD-115 High performance dispensing gun



Manufactured by:  
Pac-Dent International, Inc.  
670 Endeavor Circle, CA 92821