

Bisco

Pro-V C&B[®]

Temporary Crown & Bridge Material

Instructions for Use



BISCO, Inc.
1100 W. Irving Park Road
Schaumburg, IL 60193
U.S.A.
1-847-534-6000
1-800-247-3368

IN-233
Rev. 10/18

Caution: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

Pro-V C&B®

Temporary Crown & Bridge Material

GENERAL INFORMATION

Pro-V C&B is a highly esthetic composite for fabricating temporary restorations. The two-component system based on a multifunctional acrylic composite has similar properties to a filling material and is available in the following shades: A1, A2, A3, and Bleach. **Pro-V C&B** temporary restorations can also be adjusted and customized using flowable light-curing composites.

Indications for Use:

- Fabrication of temporary prostheses, such as crowns, partial crowns, bridges, inlays, onlays and veneers, for use until a permanent restoration is fabricated.
- Customization of prefabricated acrylic and metal crowns
- Fabrication of long-term temporary restorations

Warnings

- Do not use if there is a known allergy to methacrylic acid esters.
- Allergic reactions to the product cannot be ruled out with sensitive persons.
- Sensitization possible through skin contact.
- **Pro-V C&B** temporary restorations are intended for use as temporary restorations and not as permanent restorations.
- Temporary luting cements that contain eugenol can inhibit the curing of permanent composite cements, which may be used later for final cementation.

Cautions

- Do not use after expiration date.
- Do not leave any residue of the temporary crown and bridge material in the sulcus/on the tooth or oral cavity.
- Do not swallow the material! If swallowed accidentally: consult a doctor if problems arise or persist.
- Avoid contact with the eyes. On accidental eye contact: rinse immediately carefully and thoroughly with eye wash or water. Consult a doctor if problems arise or persist.
- Do not inhale grinding dust. Use safety glasses and face mask!
- Any area of the impression with severe undercuts and very wide interdental spaces should be blocked out in the usual way.
- Avoid contact with clothing, as the material cannot be removed by dry cleaning.
- Safety data sheet available on request.
- Safety data sheet available at www.Bisco.com.

TECHNICAL INFORMATION

| | |
|------------------------|---|
| 00:00-00:40 min.: sec. | Pouring PRO-V C&B into the impression and placement in the mouth |
| | Curing in the mouth |
| 01:30-02:30 min.: sec. | Removal from the mouth |
| | Full curing |
| From 04:00 min.: sec. | Preparation of the temporary restoration |

Note: Working times apply for products, which have been stored and processed at a temperature of 25°C (77°F). Higher temperatures shorten the working time and lower temperatures extend the working time.

INSTRUCTIONS FOR USE

Preparation

1. Take a preliminary impression of the dentition. All standard impression materials can be used for fabrication of a temporary crown, bridge, inlay or onlay. A matrix material is ideal for taking a preliminary impression. As an A-silicone it remains dimensionally stable for several weeks. If a temporary restoration requires remaking, the matrix material impression can be reused.
2. A laboratory fabricated, vacuum-formed splint or, in the case of single crowns, a prefabricated metal or plastic crown can be used instead of an impression for forming the shape.
3. The impression can be cut out before use to remove any undercuts and increase the stability of the temporary restoration. A channel can be cut into the impression to create a bar-shaped connection between spaced abutment teeth. Denture teeth can also be used as space maintainers in the anterior region before taking the impression.

Dispensing and mixing

Note: Dispense and mix the pastes using a 10:1 dispensing gun and corresponding mixing tips. Only use the mixing tips included! To ensure optimal results we recommend using vinyl or latex gloves.

4. Compomer, resin-modified glass ionomers or composite preparation surfaces must be isolated before application of **Pro-V C&B**, e.g. using Vaseline.
5. Insert the cartridge into the dispensing gun.
6. Remove the cartridge seal and do not use it to reseal the cartridge to avoid trapping air bubbles.
7. Before fitting a mixing tip for the first time, advance the plunger into the cartridge and extrude a small amount of material until both materials are dispensed uniformly. Then discard the dispensed paste.
8. Place the mixing tip on the cartridge, turn the cap clockwise by 90° until it engages.

Note: With the mixing tip in place, the material requires a certain time before flowing out. The material stops flowing immediately once the pressure on the dispenser handle is reduced. Do not use force to press out any material that has set in the mixing tip, as it may damage the cartridge and mixing tip!

9. Extrude an approximately pea-sized amount of material before each use and discard.
10. Fill the dried impression, vacuum-formed splint or preformed crown, beginning at the base. Leave the mixing tip immersed in the material during filling to avoid trapping air bubbles.
11. The filled mold must be placed in the mouth using light pressure within 40 seconds.
12. The material attains an elastic consistency in the mouth 1 min. 30 sec. after the beginning of mixing and should be removed from the mouth together with the impression or vacuum-formed splint by 2 min. 30 sec. after the beginning of mixing.
13. Check the condition of the material in the mouth using the excess material, e.g. with a probe, to avoid it curing too much before removal.
14. Leave the filled mixing tip on the cartridge after use as a seal.
15. Remove the used mixing tip and dispose of it before reusing the cartridge. Fit a new mixing tip and proceed as instructed.

Customization/ Recontouring

Use of a bonding agent is not necessary when using a composite in combination with **Pro-V C&B** for customization and adjusting the shape. Please adhere to the respective instructions for use with other products.

Finishing

16. Completely wipe off the inhibition layer after the material has fully cured, e.g. with alcohol.
17. Once the material has cured fully, finish the temporary restoration, e.g. using cross-cut burs and polishers.

Cementation

Note: Residue of temporary cements that contain eugenol can impair the curing of composite cements used for subsequent permanent luting. If the plan is to use composite cements, the use of a eugenol-free temporary cement is recommended.

18. Remove any residual separating agent from the prepared tooth before temporary cementation.
19. Standard temporary luting materials can be used for cementation.
20. Carefully check the sulcus and surrounding areas and remove any remaining residue of the temporary material or cement.

Repair

1. Roughen the fracture site and create mechanical retention on the adjoining sections.
2. Clean using alcohol and then air dry.
3. Join or add to newly fabricated restorations using **Pro-V C&B** or a flowable, light-curing composite.
4. Add to existing restorations using **Pro-V C&B** or the combination of a flowable, light-curing composite and a bonding agent.
5. Cure **Pro-V C&B** or composite according to the respective instructions for use.
6. Prepare in the usual way after curing.

HYGIENE:

- Cleaning/Disinfection of **Pro-V C&B**: Use of commonly available hygienic protective covering to avoid any contamination of the **Pro-V C&B** during the treatment is recommended. If required, **Pro-V C&B** can be disinfected using standard aqueous disinfectant solutions.
- Cleaning and disinfection of the dispensing gun: Remove the cartridge. Remove any uncured paste using a cloth soaked in alcohol. The dispensing gun is reusable after disinfection, although it should be replaced if visible signs of wear appear. Disinfection can be carried out using a commercially available dipping disinfectant. It is recommendable to use glutaraldehyde-based solutions.

DISPOSAL: Refer to community provisions relating to waste. In their absence, refer to national or regional provisions relating to waste.

STORAGE: Store in a dry place, protected against sunlight and at room temperature (18°C/64°F – 25°C/77°F). Avoid exposure to extreme temperature fluctuations. Do not store in a refrigerator.

WARRANTY: BISCO, Inc. recognizes its responsibility to replace products if proven to be defective. BISCO, Inc. does not accept liability for any damages or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

* **Pro-V C&B** is a registered trademark of BISCO, Inc.