

BJM LABS

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Description

Q-Crown is a resin-based, biocompatible, self-curing direct temporization material. After mixing, self-curing takes 3 minutes. **Q-Crown** offers a high compressive strength (180-220 MPa after 24 hours) and flexural strength (40-60 MPa after 10 minutes; 120-150 MPa after 24 hours). Initial set occurs within 1 to 1.5 minutes of mixing. The temporary should be removed from the preparation(s), together with the impression, during the initial set at 1 to 1.5 minutes while it is still easy to remove. The temporary is removed from the impression 2 to 2.5 minutes after mixing and excess removed, before wiping the temporary with alcohol to remove the air-inhibited layer. Final set takes 4 to 5 minutes from initial mixing, after which the restoration is finished and polished. **Q-Crown** glaze is used on the cemented temporary restoration and light-cured on each surface for 20 seconds, providing for a high gloss. **Q-Crown** is delivered in a kit with three, 5 mL automix syringes, one each in shades A, A2 and A3. Other components in the kit include 25 mixing tips, 25 microbrushes, 1 5 mL bottle of **Q-Crown** light-curing glaze and the manufacturer's instructions for use.

84% overall rating



Indication

- Direct temporization chairside.

Unique Features

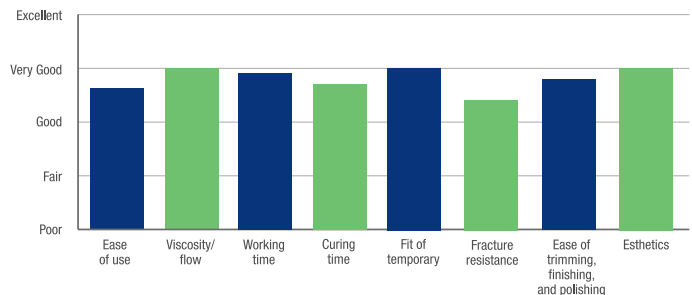
- Exceptionally tight marginal seal for precision fit and high mechanical strength, making it suitable for long-term temporary crowns and bridges.
- Polymerization does not cause a high-temperature exothermic reaction.

Evaluation Highlights

Q Crown was evaluated by 32 consultants for a total of 395 times.

- Fast set.
- Good fit.
- Low shrinkage.
- Easy to trim.
- Esthetic temporaries in the available shades.

Key Features:



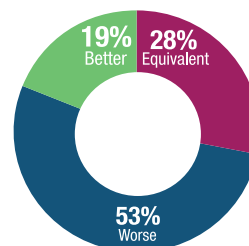
Consultants' Comments

- "I found it easy to remove from the tooth and easy to trim."
- "Temporary restorations were esthetic, looked natural and the glaze looked very nice."
- "Great product. Strong, easy to handle and esthetic."
- "The small tips mean there is little waste and they store nicely in the kit."
- "The material's hardness and accurate fit are both a strength and a weakness. We had to section off our long-term temporaries, but the material served its purpose."
- "Patients did not like the taste."
- "The material fractured easily, and crowns were brittle. It needs to be stronger."
- "Margins were not crisp."
- "I found it less user-friendly compared to other auto-mix materials."
- "I would like to see it available in a gun dispenser and auto-mix capsules."

Clinical Tips

- Use a timer and make sure that you pay attention to the working time.
- To help prevent the material from sticking to the tooth, apply lubricant to the preparation before creating the temporary.
- To avoid bubbles, be sure to bury the syringe tip when extruding the material from the syringe.
- Spray the interior of the impression with a silicone spray.
- I would include this in my armamentarium to have on hand for bruxers.
- Best for long-term temporaries.

Compared to Competitive Products:



Percentage of Consultants Who Would:

