

High Q Bond SE

CLINICAL EVALUATION

++++ 1/2

RATING SYSTEM: Excellent +++++ Very Good +++++ Good +++

B.J.M. Laboratories

www.bjmlabs.com

Description

High Q Bond SE is a fluoride-releasing, radiopaque, self-etch, dual-cured self-adhesive resin cement. The cement is dispensed using an automix tip, has a working time of 1.5 to 3.5 minutes in ambient light (temperature-dependent), and an intraoral setting time of 2.5 to 4.5 minutes in self-cure mode. The cement can be tack-cured before removal of excess cement and light-cured at the margins using a halogen, plasma arc or LED light. Refrigeration is required for maximum shelf life of two years. **High Q Bond SE** is available in shades A2, White and Translucent. It is delivered in kits containing one automix syringe of resin cement (5 mL) in the selected shade, 10 automix syringe tips, 10 intra-oral angular tips (size fine), 10 intra-oral angular tips (size long XX-fine), and a mixing pad.

Indications

- Cementation of crowns and bridges, inlays, and onlays.
- Cementation of ceramic crowns.
- Cementation of posts and cores.

Unique Features

- Fluoride-releasing.
- Virtually no taste or odor.

91% overall rating

"VERY EFFICIENT - EASY TO DISPENSE AND EASY CLEAN-UP."

Consultants' Comments

- "A good product for short crown preps and post cementation."
- "Good viscosity - it stays where placed."
- "While the material set up quickly with ambient light, I found that useful when cementing translucent posts."
- "Good radiopacity."
- "The mixing tips supplied are very good."
- "Translucent appearance is great for veneers and good for ceramic inlays and onlays."
- "I would prefer not to have to wait before tack curing."
- "The self-cure working and setting times were a little too fast."

Clinical Tips

- For better handling, let it return to room temperature after removing it from the refrigerator.
- Be careful to allow more setting time for metallic restorations.
- Tack-cure the cement for 5 seconds before removing excess cement.
- Work without the operator light shining on the syringe - be careful if you have a light on your loupes.

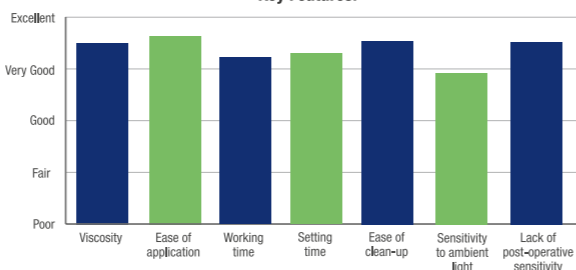


Evaluation Highlights

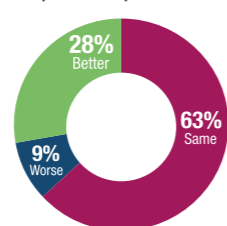
High Q Bond SE was evaluated by 33 consultants and used 426 times in total.

- Compatible with halogen, LED and plasma arc lights.
- Easy to dispense and place.
- Good viscosity.
- Radiopaque.
- Efficient.
- Easy clean-up.
- Dual cured.

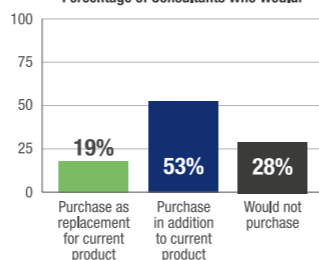
Key Features:



Compared to Competitive Products:



Percentage of Consultants Who Would:



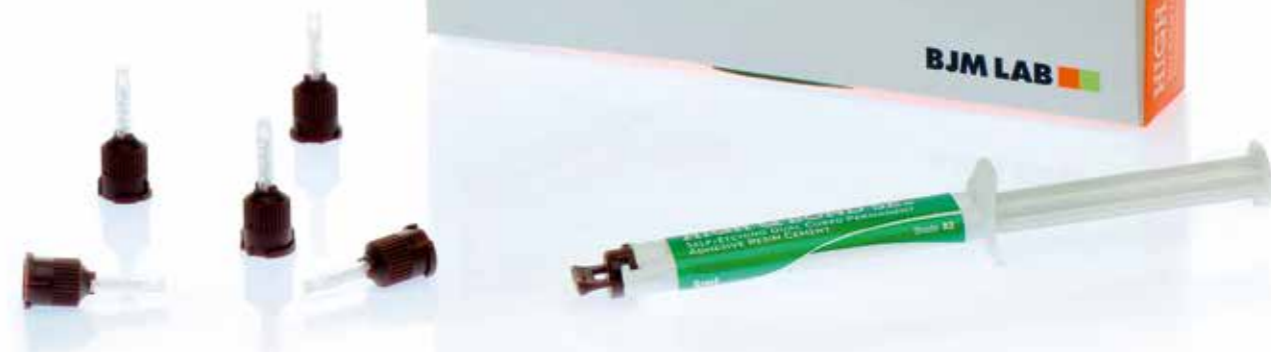
www.dentaladvisor.com

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HIGH Q BOND SE™

Self-etch / self-adhesive dual cured permanent resin cement

DA DENTAL ADVISOR 91% OVERALL RATING



HIGH Q BOND SE™

Self-etch / self-adhesive dual cured permanent resin cement

Indications

- Permanent cementation of crowns and bridges, inlays and onlays, posts and cores and ceramic crowns.

Properties

- Self-etch, self-adhering resin cement does not require etching, priming or bonding before cementing the permanent restoration.
- Self-cured cement which you can light-cure for an immediate set and extra strength at the margins.
- Radiopaque – Easily seen in radiograph.
- Fluoride – Known to reduce the possibility of secondary caries and considered to be cariostatic.
- Automix Syringe – Saves application time, guarantees consistent mix.
- 3 Shades: A2, White & Translucent.
- Virtually neither taste nor odor – Increased patient comfort.

Technical Data

| | |
|---|----------------------|
| Compressive strength | 180 MPa |
| Flexural strength | 170 MPa |
| Hardness by Barcol | 80 |
| Water sorption | 8 µg/mm ³ |
| Solubility | 1 µg/mm ³ |
| Adhesive bonding to un-etched enamel | > 20 MPa |
| Adhesive bonding to un-etched dentin | > 15 MPa |
| Adhesive bonding to Rexillum | > 10 MPa |
| Film thickness | 10 µm |
| Radiopacity, % Aluminium | 250 |
| 1-week Cumulative F-release (ng/cm ²) | 40 |
| Working Time (in ambient light and temperature) | 1.5 - 3.5 min |
| Setting Time (in oral temperature) | 2.5 - 4.5 min |
| Compatible with halogen light | Yes |
| Compatible with Plasma ark light lamp | Yes |
| Compatible with LED | Yes |
| Shelf Life | 2 Years |

Scientific Papers

1. Laboratory Evaluation of 24 hours Shear Bond Strength of Ceramic to Dentin Using Three Cement Systems, Prof. M. Latta, Creighton University School of Dentistry, Omaha, Nebraska, 2006. Dr. Wladimir Aranda, Test of self-adhering luting cements to human dentin, 2006.
2. Test of self-adhering luting cements to human dentin, Dr. W. Aranda, 2006.
3. Tooth restoration by ceramic inlays: a tutorial, Ryakhovsky, A. Karapetyan, Moscow, 2008.
4. Testing of crowns retention to various abutments utilizing different cements K. Lizenboim, A. Suvorov, B. Zalsman, and I. Suvorov, PEF-IADR 2008.
5. Cements adhesion to ceramic as a function of surface treatment, K. Lizenboim, I. Suvorov, B. Zalsman, H. Dodiuk, Program Number 402, PER-IADR Congress, Dubrovnik, Croatia, 2014.
6. Clinical evaluation by the Dental Advisor, September 2017.

Packaging & Order Information

Item # 100050SE

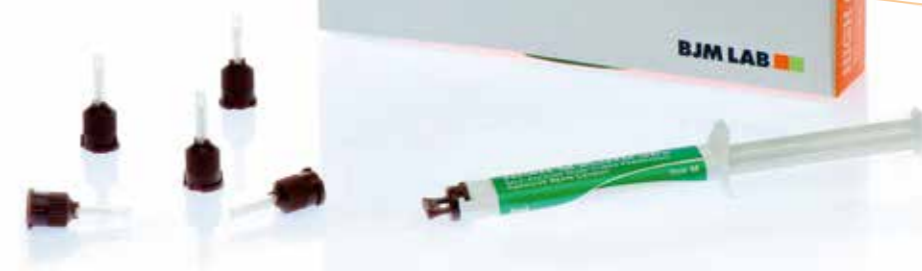
- 1 Automix Syringe 5ml of HQB SE A2
- 10 Automix Syringe Mix Tips
- 10 Intra-Oral Angular Tips, Size Long XX-Fine
- 10 Intra-Oral Angular Tips, Size Fine
- 1 Mixing Pad

Item # 100051SE

- 1 Automix Syringe 5ml of HQB SE White
- 10 Automix Syringe Mix Tips
- 10 Intra-Oral Angular Tips, Size Long XX-Fine
- 10 Intra-Oral Angular Tips, Size Fine
- 1 Mixing Pad

Item # 100052SE

- 1 Automix Syringe 5ml of HQB SE Translucent
- 10 Automix Syringe Mix Tips
- 10 Intra-Oral Angular Tips, Size Long XX-Fine
- 10 Intra-Oral Angular Tips, Size Fine
- 1 Mixing Pad



Porcelain Fix



Q-Temp



Zirconite



High-Q-Bond



Q-Glass

