

Why is Parkell's C&B Metabond Quick what dentists go to in difficult cases?

It is a self-cured adhesive resin cement designed to provide ultra-high strength. With appropriate pre-treatment it adheres to an exceptionally wide range of dental materials i.e., (enamel, dentin, cementum), dental metal alloys (base, precious and noble), amalgam, resin composites, acrylic resins, porcelains, lithium disilicate and zirconia.

What are the different uses of Parkell's C&B Metabond Quick?

It is indicated for the adhesive cementation of fixed dental prostheses such as inlays, onlays, crowns, conventional bridges, Maryland bridges, endodontic posts, as well as for emergency reattachment of fractured teeth, repair of porcelain fractures or pop-offs, adhesive pulp capping of small exposures, bonding of amalgam and many other challenging, low-retentive restorative or repair situations.

When is pre-treatment indicated and what should I use?

Porcelain and Lithium Disilicate surfaces that have been etched with hydrofluoric acid and primed with Ea-Z-y Primer (available separately).

Zirconia that has been either sandblasted (some manufacturers advise against sandblasting) or using a Zirconia cleaner from another manufacturer, and primed with Ea-Z-y primer (available separately) will bond to C&B Metabond.

Non-precious metal alloy without special pretreatment other than sandblasting will bond tenaciously to C&B Metabond.

Precious and noble alloys that have been sandblasted and primed with MTL-V primer (available separately) significantly improves the durability of the bond.

Is pre-lubrication necessary before using Parkell's C&B Metabond Quick?

C&B Metabond cement sets extremely hard and sticks tenaciously to anything it touches. It must be cleaned up before it has completely set or removal will be very difficult. Water soluble lubricants such as K-Y jelly, Parkell's Blu-Sep (available separately), or glycerin should be applied over any areas of concern before utilization. This will stop the cement from inadvertently sticking to neighboring teeth, gums or restorations and mixing wells.

Can Parkell's C&B Metabond Quick be used as an effective pulp capping material?

Yes. It is FDA cleared for pulp caps and is more biocompatible than some other resin adhesives.

Should I use the Universal Gel dental activator when pulp capping with Parkell's C&B Metabond?

Yes. Because the Universal Gel dental activator contains ferric chloride, it can stop pulpal bleeding.

What is the procedure to follow for pulp capping with Parkell's C&B Metabond?

Apply the Universal Gel dental activator for 20 seconds to both the exposure and the surrounding dentin. Rinse thoroughly, then lightly dry to eliminate standing water. DO NOT DESICCATE. Mix 1

to 1.5 scoops of the radiopaque powder to the already dispensed four drops of base and one drop of catalyst. Apply it to the exposure and the surrounding dentin. Allow Parkell's C&B Metabond to set for at least 6 minutes before proceeding with any restorations.

Will Parkell's C&B Metabond adhere to surfaces that have had eugenol containing substances applied to them?

No. Do not use on surfaces that have been contaminated with eugenol (ZOE, etc.).