

Futurabond® DC

DUAL-CURING SELF-ETCH-BOND WITH NANO-FILLERS



Futurabond® DC

DUAL. UNIVERSAL. SAFE.

The bond for all cases

Futurabond DC is ideal for creating a strong, durable bond under all light-, self- and dual-curing restoratives.

Futurabond DC fulfills the requirements for patient-oriented therapies and is suited for a wide range of indications including: composite fillings, inlays, onlays, crowns, bridges and posts. Bond strength, a tight marginal seal as well as fast, precise and simple application are merged to create a bond that is always the right choice. The total performance of Futurabond DC is designed to exceed the expectations of both the practitioner and the patient.

For indirect restorations, Futurabond DC can be used with all dual- and self-curing luting systems without prior polymerization of the adhesive layer. This is often a deciding factor when working in areas that are difficult to reach with a light.

One coat – secure bond

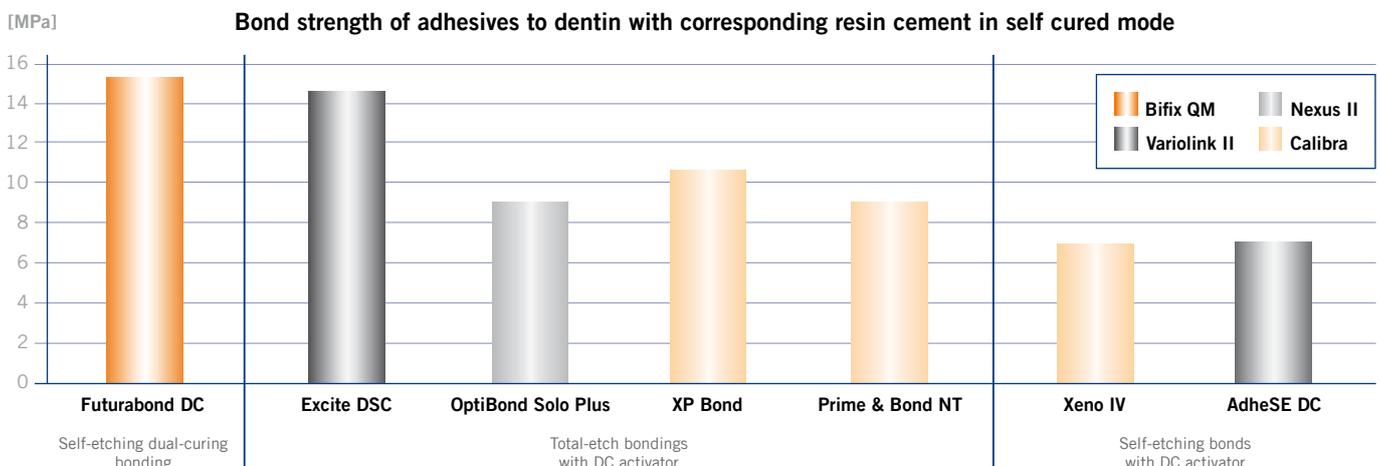
The highly functionalized SiO₂ particles (ø 20 nm) in Futurabond DC facilitate a cross-link of the bonding's resin

components and enhance its filmbuilding properties. Thus, the adhesive can optimally wet the exposed collagen fibers and micro-retentive etching pattern on the enamel. This optimizes cross-linking density and wetting properties as well as reinforces the adhesive layer.

A one-coat application of the bond is sufficient to guarantee a permanently stable bond of the composite to the tooth.

Dual-curing + Self-etching

- Adhesive bonding of indirect restorations
- Adhesive bonding of root pins and posts
- Adhesive core build-up
- Dentine is perfectly etched
- Dentine is perfectly dried
- No contamination of etching pattern



Source: VOCO, internal measurements Nov. 2006

*Xeno IV, Variolink II, Nexus II, Calibra, AdheSE DC, Excite DSC, Optibond Solo Plus, XP Bond and Prime&Bond NT are not registered trademarks of VOCO GmbH.

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SIMPLE APPLICATION IN ONLY 35 SECONDS

Direct restoration

The direct restoration process is shown in six steps:

- Step 1:** Preparation of the tooth surface.
- Step 2:** Application of Futurabond DC Strips from the packaging. A 3x magnification view shows the application tip.
- Step 3:** Application of the cement to the tooth surface for 20 seconds.
- Step 4:** Light curing of the cement for 5 seconds.
- Step 5:** Final curing of the cement for 10 seconds.

Indirect restoration

The indirect restoration process is shown in two rows:

Top Row (Cementation):

- Step 1:** Cementation process.
- Step 2:** Application of Futurabond DC Strips for 5 seconds.
- Step 3:** Final curing of the cement for 10 seconds.
- Step 4:** Application of DC Cement Instructions (VOCO).

Bottom Row (Posts):

- Step 1:** Posts application.
- Step 2:** Application of Futurabond DC Strips for 5 seconds.
- Step 3:** Final curing of the cement for 10 seconds.
- Step 4:** Application of DC Cement Instructions (VOCO) is shown with a red X, indicating it is not applicable for posts.

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THE CHOICE IS YOURS

Indications

Direct self- or dual-curing composite restorations and core build-ups

Direct light-curing restoration with composite-, compomer- and Ormocer®-based restoratives

Adhesive luting of root pins/posts with dual or self-curing composite cements

Indirect restoration when using dual- and self-curing resin cements for luting of inlays, onlays, crowns and bridges

SingleDose Advantages

- Only 35 s application time
- One-step blister activation
- Simple, fast and hygienic

Advantages

- Chemical-curing in areas inaccessible with a curing light
- Futurabond DC achieves the same adhesive properties as total-etch preparations without separate etching of the tooth substance
- Moisture-tolerant
- Durable marginal integrity
- Easy and fast application – one-coat, one-cure technique
- Contains fluorides
- No refrigerated storage needed
- Ideal for paediatric use

Presentation

- REF 1163 Bottle 2 × 4 ml (liquid 1 / liquid 2), accessories
- REF 1164 *SingleDose* 50 pcs., accessories
- REF 1165 *SingleDose* 200 pcs., accessories
- REF 2246 Endo Tim, application brushes, to be used in the root canal, 50 pcs.
- REF 2247 Single Tim, application brushes, 100 pcs.
- REF 2315 Mixing palettes, 20 pcs.



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