

Connexio®

Dual-Cure, Self-Etch Bond

RESTORATIVE

STRONG DENTIN BONDS WITHOUT THE NEED FOR A SEPARATE ACID-ETCH STEP!



Both parts included.
Everything you need in one package!

8TH-GENERATION BONDING SYSTEM

Connexio provides the greatest flexibility and effective curing with all types of composite resins and is especially effective for post-Endo restorative treatment.

Connexio creates a strong, resilient bond quickly and easily. Reinforced with nanoparticles, Connexio is indicated for use with direct self-cure, light-cure, or dual-cure composite restorations and core buildups including fillings, inlays, onlays, crowns, bridges and posts.

Connexio provides dual curing deep in the canal, to the bottom of the post space, for a completely polymerized, integrated tooth/core/post monobloc. The self-etching ability of Connexio provides strong dentin bonds without the need for a separate acid-etching step. Connexio tolerates residual moisture and is the optimal bonding agent for dual-cure composite materials, such as Encore D/C.

Connexio firmly bonds the tooth to composite or resin cements for permanent, tight margins. Fast acting and easy to apply, Connexio reduces post-operative sensitivity making it the perfect choice for both patient and doctor.



TEST RESULTS

Tensile dentin bond strength: 39.3 MPa

Shear enamel bond strength: 24.5 MPa

Marginal enamel seal: 97%

Marginal dentinal seal: 99%

Note: It is recommended to selective etch enamel for maximum bond strength. Selective etching will increase enamel bond strength on unetched enamel.

CONNEXIO FEATURES & BENEFITS:

- Easy, fast mix (Part A + Part B) provides so many more clinical benefits: faster, more flexible, lowest polymerization shrinkage.
- Self-etch adhesive eliminates the need for extra steps.
- For direct or indirect applications.
- Permanent, tight margins resulting from this specially designed multi-modality curing.
- Nanoparticle reinforced for strength and durability.
- Equivalent adhesive properties to enamel and dentin.
- Unique solvent (water + ethyl alcohol) results in bonding that is more tolerant to moisture and humidity than other adhesives.
- Greater rate of monomer conversion due to self-cure activation as part of dual-cure material.

5-STEP GUIDE TO BUILDING A VOID-FREE, BONDED, COMPOSITE POST & CORE

- STEP 1** Prepare tooth. Remove excess moisture with a light air jet. Do not over dry dentin.
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- STEP 2** Mix 1 drop of Part A and 1 drop of Part B on a mixing palette with an application brush for approximately 2 seconds (produces a self-etching adhesive). **Connexio Self-Etch Bond is dual-curing and therefore must be applied immediately after mixing.**
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- STEP 3** Apply the adhesive in a layer of medium thickness to the enamel/dentin and rub into the tooth surface for 20 seconds
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- STEP 4** Dry the adhesive layer for at least 5 seconds with an air syringe.
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- STEP 5**
- Self-Cure** Connexio will cure in 30 seconds in contact with enamel/dentin without any light.
 - Light-Cure** - the Connexio bonding layer must be polymerized with blue light (halogen or LED lights) for 10 seconds
 - Dual-Cure** - Connexio can be light cured and it will set in 10 seconds when exposed to light cure unit. In the area where the light will not reach, it will set in self-cure mode.

ORDERING INFORMATION

CONNEXIO

Dual-Cure, Self-Etch Bond

- REF 310270** 4 mL Connexio Part A
4 mL Connexio Part B

SUGGESTED PRODUCTS:

ENCORE[®]

Self-Cure Core Buildup Composite

- REF 310070** Encore, White With Fluoride
REF 310076 Encore, Natural With Fluoride

ENCORE[®] D/C

Dual-Cure Core Buildup Composite

- REF 310150** Encore D/C Automix, Natural With Fluoride
REF 310152 Encore D/C Automix, Contrast With Fluoride
REF 310129 Encore D/C MiniMix, Natural, 12
REF 310130 Encore D/C MiniMix, Contrast, 12
REF 310254 Encore D/C MiniMix, Natural, 36
REF 310255 Encore D/C MiniMix, Contrast, 36
REF 700000 Encore D/C MiniMix Kit, Natural, 12 with Snub Nose Snap-Fit™ Syringe

Connexio is the perfect complement to
Encore D/C Core Buildup Composite Material



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Used together, ENCORE D/C and CONNEXIO deliver complete polymerization to the bottom of the post space; a completely integrated tooth/core/post monobloc, great adaptation, virtually no shrinkage, a superior bond. ~ DR. MARIAN FANICA, ROMANIA

Ordering is easy! **Call 800.235.5862** or contact your preferred dealer.
Visit centrixdental.com for more information.