

FAST FORWARD WITH CONFIDENCE

Bifix® SE



DUAL-CURED SELF-ADHESIVE
UNIVERSAL RESIN CEMENT

VOCO
THE DENTALISTS

Bifix® SE

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A new generation of self-adhesive resin cement

Not all self-adhesive resin cements are created equal. Many of the first generation self-adhesive cements had a lack of stability and bond strength which led to some long-term failures. Bifix SE is a new generation that combines the superior self-bond nano technology of Futurabond DC with the proven cement engineering of Bifix QM in a new 4:1 mixing ratio. The 4:1 ratio allows the use of a new initiator system to engineer a catalyst that is much more stable than other systems on the market, even without refrigeration.

Versatility

Bifix SE is versatile and can be used for the cementation of crowns, bridges, inlays, onlays and posts. It achieves high bond strength with all common substrates, including

The clinical benefits are higher bond strength, especially on zirconia-based restorations, and a lower water solubility, giving Bifix SE higher long term clinical success rates. Bifix SE's fast and easy removal of excess material, fewer working steps and its moisture tolerance, makes it easy to work with.

enamel, dentin, metal, zirconia, composite, ceramic and all CAD/CAM materials.

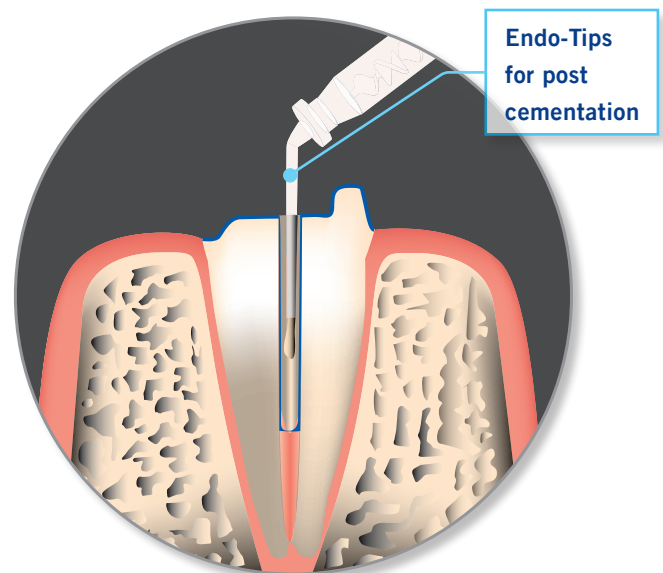
Fast and Easy Cementation without an adhesive, primer or etchant

Bifix SE uses Futurabond DC's superior self-etch adhesive technology and does not need any additional bond, prime or etching steps to achieve high bond strengths on all substrates. This time saving procedure reduces extra working steps, which streamline the workflows of any office. Bifix SE is dual-cured and allows the clinician to control the setting time. In the light cure mode the material will set quickly

(20 secs cures on each side is recommended). In the self-cure mode the user will have 90 secs of working time (extra-orally) and 30-60 secs of working time (intra-orally) with a final set time after insertion of 4 minutes.

Endo-Tips for precise root-canal application

Every Bifix SE pack includes specially designed endo tips, making the application of the resin cement in the root canal clean and easy.



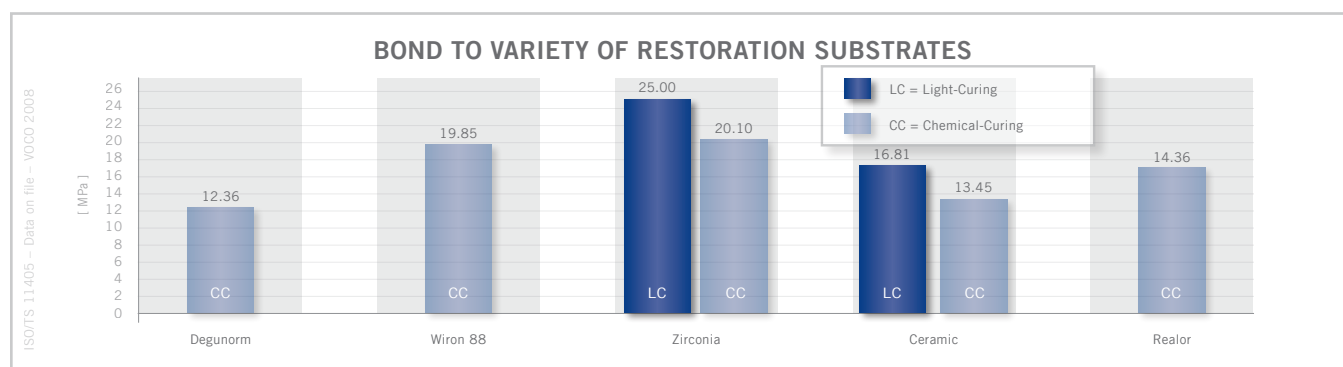
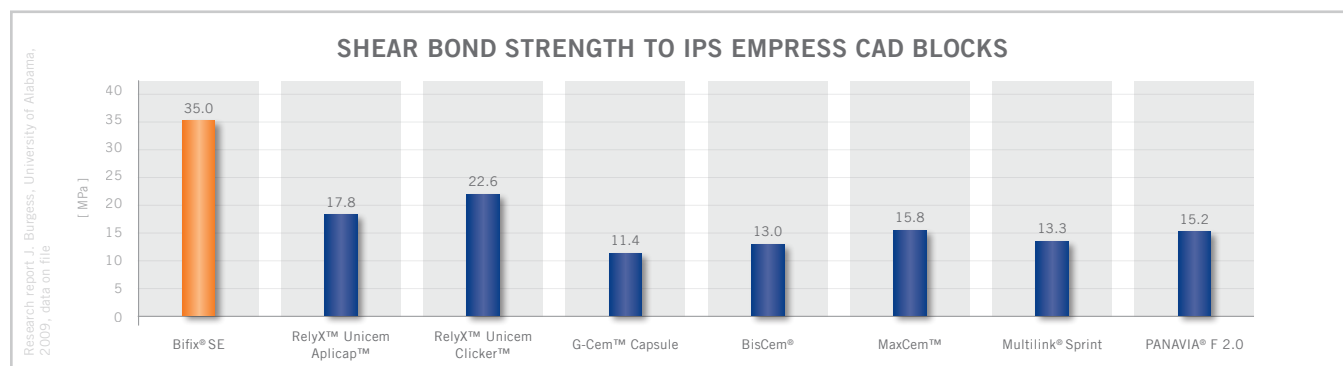
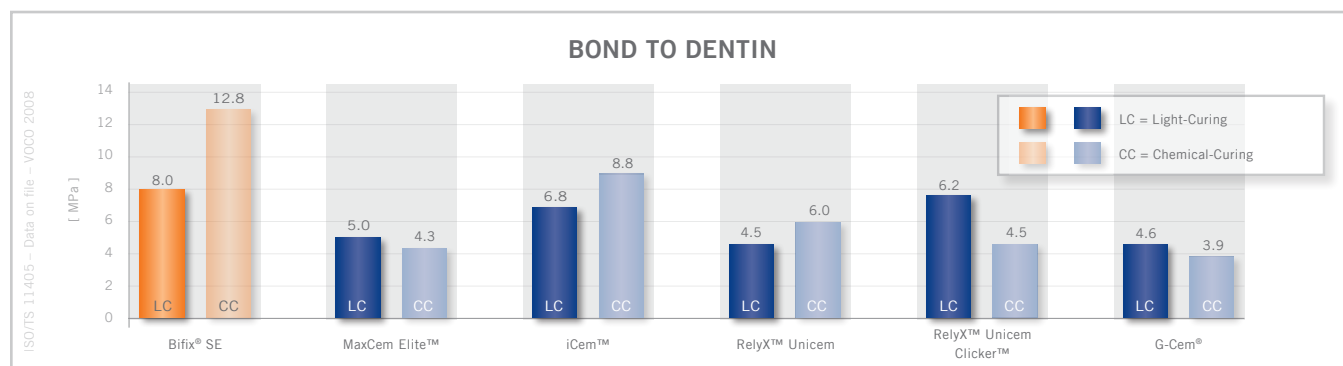
Bifix® SE

BOND WITH CONFIDENCE

High bond strength to all substances

The key to an excellent resin cement is achieving high bond strength to all sides of the restoration and to all substances in a light and self-cured mode. Bifix SE uses polyfunctional adhesive monomers (methacrylic phosphoric acid ester), which

allow an even high bond strength to all substrates. This makes Bifix SE a universal cement for multiple indications in light and self-cured modes.



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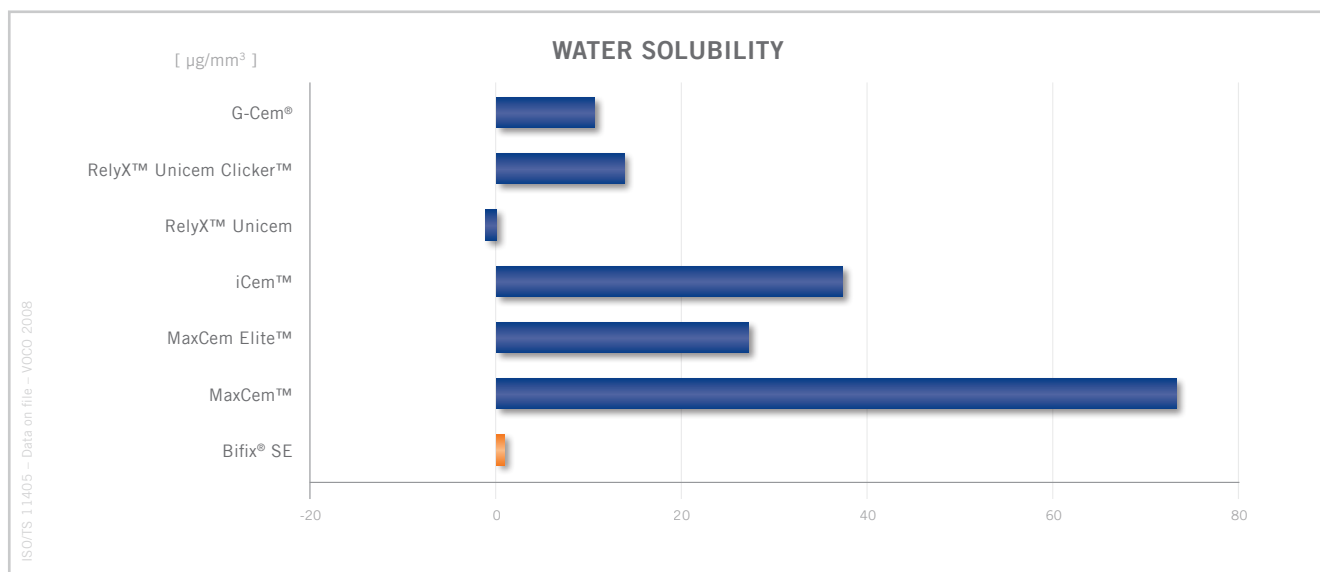
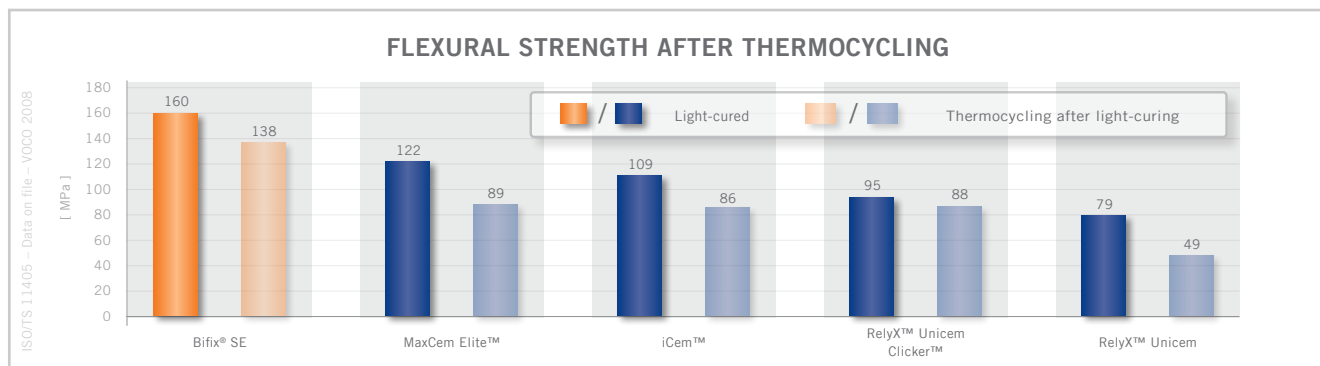
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RELY ON OUR COMPETENCE

A high flexural strength and low water solubility are key parameters that ensure long lasting success rates with your cemented work. Bifix SE excels in both categories with significantly better values than other materials.

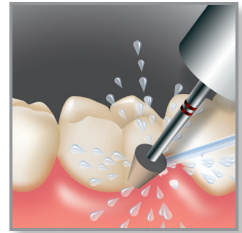
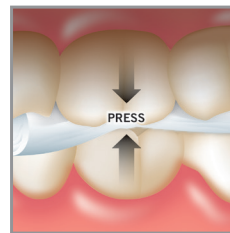
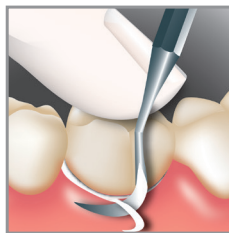
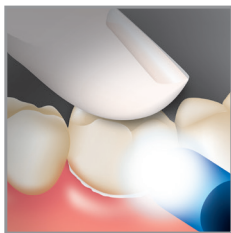
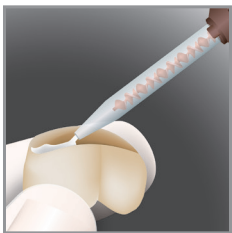


Low 5–10 micron film thickness

Bifix SE has a low film thickness of only 5–10 microns. This ensures that the restorations do not “jack up”, saving you adjustment time.

CUT DOWN YOUR TIME CONSUMING CEMENTING STEPS TO 4 EASY STEPS WITH BIFIX SE

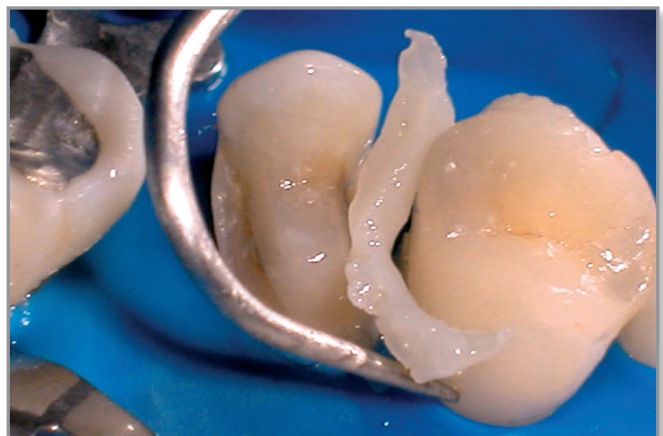
STEPS	TYPICAL TOTAL ETCH RESIN CEMENT	Bifix SE
1	Etching	n/a
2	Rinse	n/a
3	Dry, but do not overdry	n/a
4	Apply Primer	n/a
5	Scrub Primer	n/a
6	Dry Primer	n/a
7	Apply Bond	n/a
8	Spread bond with air	n/a
9	Mix Cement	n/a
10	Apply Cement	Apply Cement
11	Seat the restoration	Seat the restoration
12	Remove Excess	Remove Excess
13	Light- or self-cure cement	Light- or self-cure cement



1-2 sec. 180-240 sec.

Easy Gel-Phase Excess Removal

Tack light-cure Bifix SE for 1-2 seconds per surface (mesio-oral, disto-oral, mesio-buccal, disto-buccal). The excess gel-like material is easily removed with a scaler.



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FAST FORWARD WITH CONFIDENCE

- Time saving – no additional bond, prime or etch steps needed
- Ease of use – gel-phase cleanup, no refrigeration, no hand-mixing or trituration required
- High bond strength without an adhesive
- High flexural strength and low water solubility for long-term success
- Low 5–10 micron film thickness – cuts down on adjustment time
- Compatibility with common materials – ceramic and zirconia, CAD/CAM materials, PFMs and metal restorations
- Efficient self-cure mode – sets up completely without any light
- Radiopaque for excellent identification under x-ray

TECHNICAL DATA:

Working time (extra-oral):	90 sec
Setting time:	4 min
Film thickness:	5–10 µm
Curing depth:	2 mm/20 sec
Water solubility:	1 µg /mm ³
Flexible Strength:	160 MPa (LC), 150 MPa (CC)
Radiopacity:	227 %Al
pH (at application):	2.5 (acidic)
pH (after curing):	neutral

- Kit 3-5 gm QuickMix syringes, shades U, T and WO, mixing tips type 14 and 15, type 1 intra-oral tips 1784
- 1-5 gm QuickMix syringe, shade U (universal), mixing tips type 14 and 15, type 1 application tips 1785



- 1-5 gm QuickMix syringe, shade T (transparent), mixing tips type 14 and 15, type 1 application tips 1786
- 1-5 gm QuickMix syringe, shade WO (white-opaque), mixing tips type 14 and 15, type 1 application tips 1787

VOCO America Inc.
1285 Rosemont Drive
Indian Land · SC 29707

www.vocoamerica.com
infousa@voco.com

Toll-free phone: 1-888-658-2584
Fax: 1-888-849-3989

