

# Bifix® QM

DUAL-CURING RESIN LUTING SYSTEM

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## DUAL-CURING RESIN LUTING SYSTEM

A durable luting of metal and non-metal alloys, ceramics and resin restoratives, which place extremely high demands on the physical and application quality of luting systems.

### As an adhesive luting system for

- Inlays and onlays
- Veneers
- Crowns (including full ceramic) and bridges (including combination bridges)
- Maryland bridges
- Supra-structures for both core build-ups and implants
- Pins and posts for root canals

Bifix QM is the perfect, aesthetic solution.

Thanks to Futurabond DC, the nano-reinforced dual-curing self-etch bond, making compromises with regards to adhesion belongs to the past, particularly with root pins.

Proven, coordinated with each other system components with excellent material properties make Bifix QM a platinum class luting system ideal for dental surgeries.

### Advantages

- Bifix QM's ability to be cured either chemically or with light provides more flexibility and reliability
- Three shades to choose from: T (transparent), U (universal) and WO (white-opaque) to provide the most aesthetic restorations
- Try-in pastes provide reliable shade selection before cementation
- Futurabond DC, the self-etching and dual-curing bond, provides safety through its high adhesion values
- Suitable for ceramic, composite and metal luting
- Bifix QM contains fluoride
- High radiopacity
- Easy excess removal

Quality and superb handling properties are combined in the QuickMix syringe and offer the following advantages:

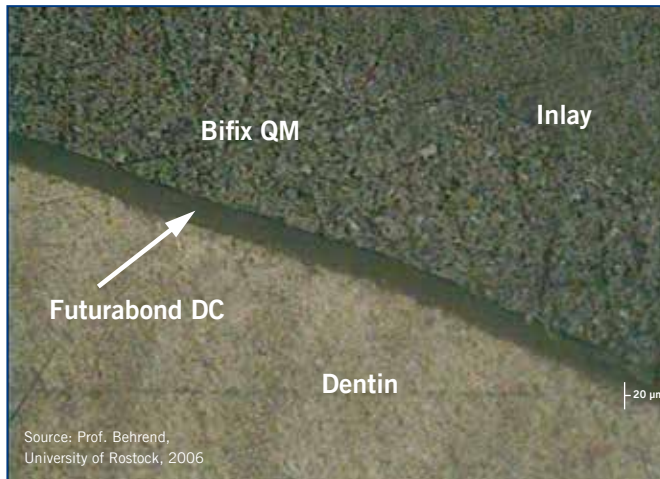
- Quick application
- Error-free, bubble-free mixing
- Easy direct application

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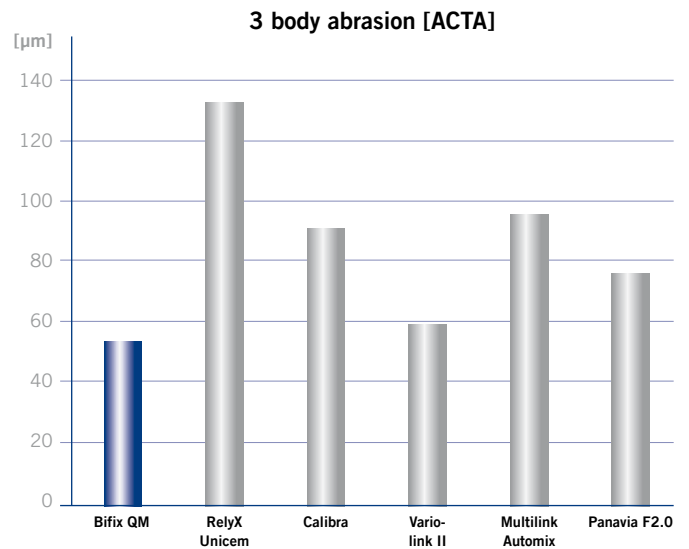
GET ON THE FAST TRACK ...

BIFIX QM – TECHNICAL DATA	
Transverse strength:	138 (LC)/113 (CC) MPa
Compressive strength:	297 MPa
Adhesion to dentine:	15 MPa*
Curing depth:	4 mm/10 s
Working time:	2,5–3,5 min
Setting time:	3 min after inserting the restoration
Film thickness:	< 10 µm

\*with Futurabond DC

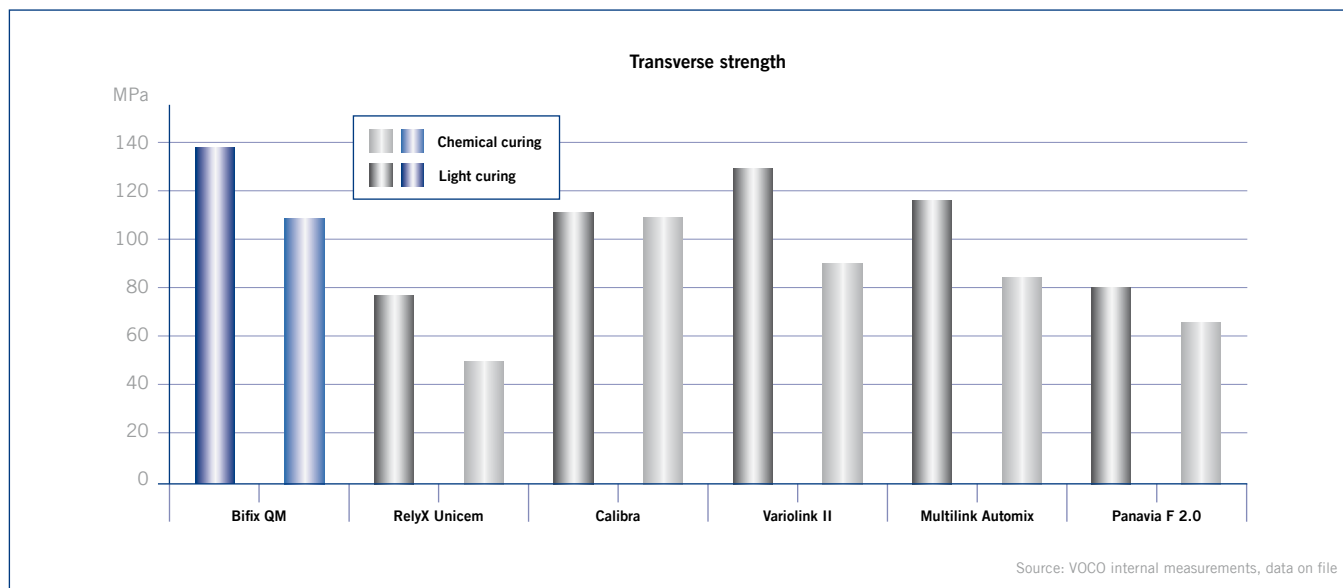


Bifix QM used in combination with the self-etch bond Futurabond DC forms a secure adhesive bond with a tight marginal seal to both tooth substance and ceramic.

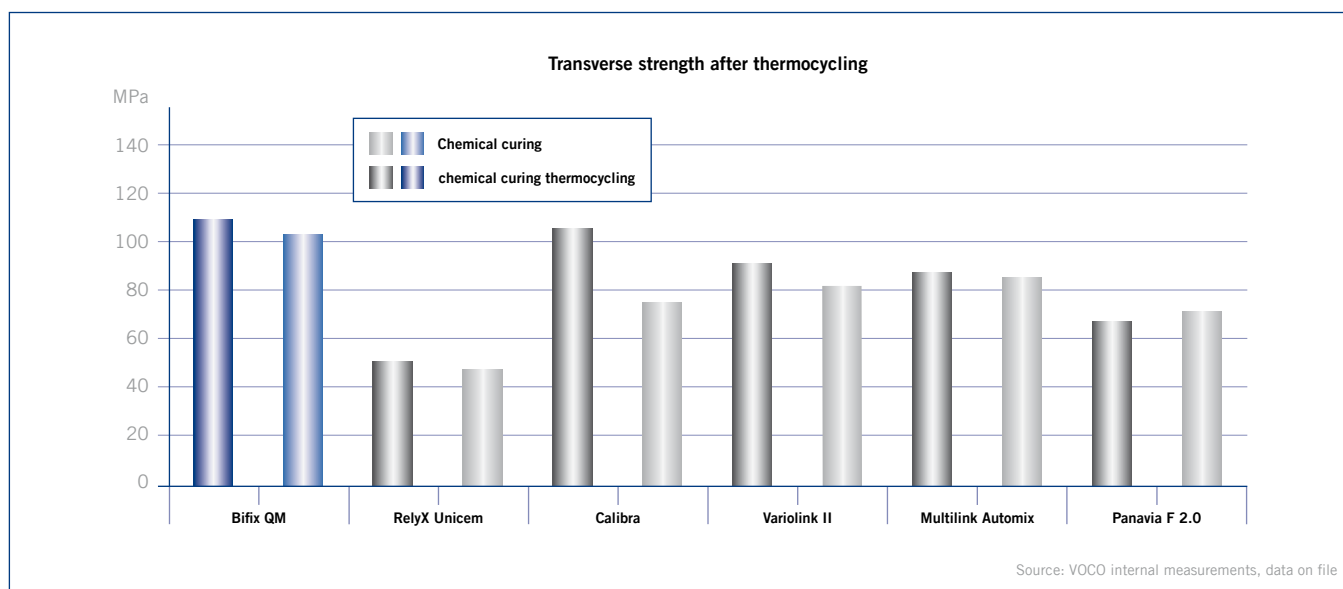


Source: VOCO internal measurements, data on file

Bifix QM is an extremely hard and abrasion-resistant material. These attributes benefit both the mechanical longevity and durability of the polished material.



Out of all of the materials tested, Bifix QM exhibited the highest transverse strength after both light and chemical curing.



The Bifix QM System keeps its physical strength after thermocycling, a vital point for longevity.

\*RelyX Unicem, Calibra, Variolink II, Multilink Automix and Panavia F 2.0 are not registered trademarks of VOCO GmbH.

# Futurabond® DC

## DUAL – UNIVERSAL – SAFE

Futurabond DC is a nano-particle reinforced dual-curing self-etching bond for direct and indirect restorations with all light-, dual- and self-curing composite materials.

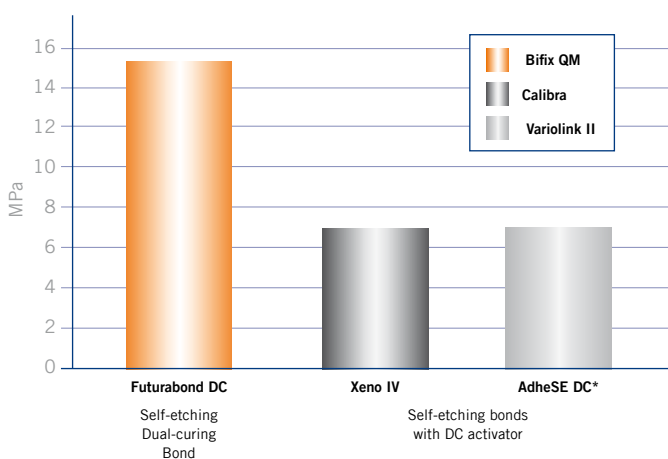
### Your advantages

- High dentine shear bonding strength
- Durable marginal seal
- Moisture-tolerant
- Reduced post-operative sensitivities
- Reinforced with nano-particles
- All-in-one adhesive
- One layer application
- No refrigeration needed
- No shaking needed
- Contains fluoride

Futurabond DC and Bifix QM used together achieve higher adhesive values than other self-etching bonds with DC activator.

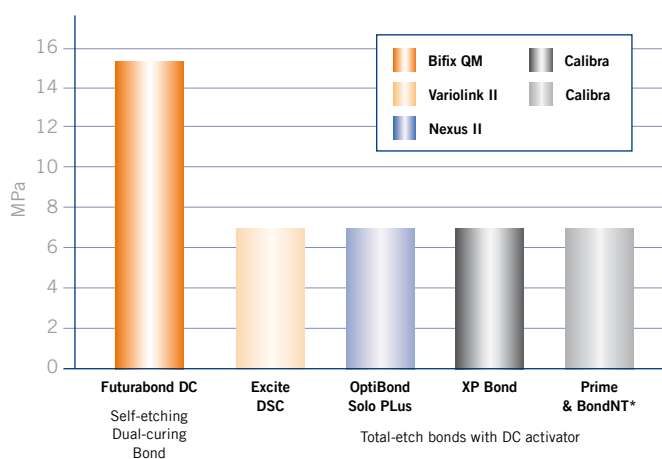
Futurabond DC and Bifix QM used together achieve adhesive values equivalent to or higher than total-etch systems.

Adhesion to dentine values of self-etching luting systems after being chemically cured



Source: VOCO internal measurement Nov. 06\*

Dentine adhesive values of total-etch luting systems after being chemically cured



Source: VOCO internal measurement Nov. 06\*

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

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**Presentation**

REF 1760	Bifix QM Triset Set 3 x 10 g QuickMix syringes universal, transparent, white-opaque, mixing tips type 11, intraoral tips type 4 3 x 1.2 g Try-in universal, transparent, white-opaque, application cannulae type 41, 5 ml Ceramic Bond, accessories
REF 1764	Bifix QM Expert Set Contains the same components in the Bifix QM Triset plus Futurabond DC 50 <i>SingleDose</i>
REF 1217	Set 10 g QuickMix syringe universal, 4 ml each Futurabond DC Liquid 1 and 2, 5 ml Ceramic Bond, mixing tips type 11, intraoral tips type 4, accessories
REF 1218	QuickMix syringe 10 g universal, mixing tips type 11, intraoral tips type 4, accessories
REF 1219	QuickMix syringe 10 g transparent, mixing tips type 11, intraoral tips type 4, accessories
REF 1759	QuickMix syringe 10 g white-opaque, mixing tips type 11, intraoral tips type 4, accessories
REF 1106	Ceramic Bond, bottle 5 ml

**Bifix QM Try-In**

REF 1761	1,2 g syringe, shade universal
REF 1762	1,2 g syringe, shade transparent
REF 1763	1,2 g syringe, shade white-opaque
REF 2191	50 Mixing tips type 11
REF 2142	50 intraoral tips type 4

**Futurabond DC**

REF 1163	4 ml Liquid 1 / 4 ml Liquid 2, accessories
REF 1164	50 <i>SingleDose</i> , accessories
REF 1165	200 <i>SingleDose</i> , accessories

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